Digitized by the Internet Archive
in 2014

https://archive.org/details/b19974760M3560

MIST and DRUGGIST JUNE 9, 1945

The
HEMIST AND DRUGGIST
RETAILER - WHOLESALER - MANUFACTURER

shed 1859 28 Essex Street, Strand, London, W.C.2 Registered as a Newspaper

3409
KLIII JUNE 9, 1945 Annual Subscription (with Diary) 25/-. Single Copies 9d.

'ASCABIOL'

TRADE MARK BRAND

benzyl benzoate emulsion

This elegant preparation of benzyl benzoate is widely used in the treatment of scabies. One thorough application will usually cure a case of scabies without the danger of dermatitis and with the minimum of skin irritation.

Ascabiol has also been successfully used in the treatment of pediculosis capitis. Not only are lice destroyed but the cement by which the nits adhere to the hair is dissolved. The nits can therefore be removed by simple washing instead of the painstaking use of the small-tooth-comb.

It is also effective in the treatment of pediculosis pubis.

Retail Prices
4 oz. bottle 3/- (plus 4d. Purchase Tax)
80 oz. bottle 42/- (plus 4/8 Purchase Tax)
These prices are subject to a discount to retail pharmacists of 33⅓ per cent.

MAY & BAKER

MANUFACTURED BY
MAY & BAKER LTD.
DISTRIBUTORS
RMACEUTICAL SPECIALITIES (MAY & BAKER) LTD., DAGENHAM

8165

Index to Advertisers pp. 5 & 6

Monsanto Chemicals

SOURCES OF IDEAS FOR THE INVENTIVE MIND

THE British chemical industry is one of our big post-war assets. Throughout the war it has been working at top pressure. Not merely "turning out the stuff"—but devising, too, how "the stuff" can be put to a fuller use.

Fertility of imagination and productivity have been stimulated by the urgency of our war needs. New applications for established Monsanto products—with conventional uses, and available by the ton—have been developed.

And after the war? The inventiveness, the ingenuity shown by British chemists and technicians under the strain of war will be continued, even expanded, for the equally vital aims of peace.

Monsanto make at Ruabon a wide range of basic coal tar chemicals, which already feed a score of industries. Their technical experience is wide. It is available for confidential co-operation on any problem which may enable Monsanto products to serve more fully industry and mankind.

Here is a list of some MONSANTO products

PHENOL	Ice, detached, hydrates, mixtures
CRESOLS	ortho-, meta-, para-
CRESYLIC ACIDS	high ortho-, high meta-, pale, dark, A.D.F., etc.
SALICYLATES	Salicylic Acid, B.P. and technical... Sodium & Methyl Salicylates. .Aspirin
PHTHALIC ANHYDRIDE	Phthalic esters
BENZOATES	Benzoic Acid — Sodium Benzoate
GERMICIDES	P.C.M.X. — Cresantols
PRESERVATIVES	P.C.M.C. — Santobrite
RUBBER CHEMICALS	Santocure, P.B.N., etc.

(Fuller list on request)

War demands, in some cases, prevent us offering bulk quantities, but advice, data, samples, etc., may enable you to plan now

A1606

MONSANTO CHEMICALS LIMITED, Ruabon, Wrexham, Denbighshire

HIGHER CONCENTRATION OF THE ANTI-ANAEMIC FACTOR

New standard dose of 1 cc. equals 3-4 cc. of the original 'Examen'

● The new potency 'Examen' in 1 cc. ampoules, which now replaces the old (in 2 cc. ampoules) offers a still higher degree of concentration of the anti-anaemic factor. It is the purest and most potent preparation of liver yet provided by the research laboratory for the clinician; it sets a new standard in liver extracts. The increased retention of the anti-anaemic activity of liver means that 1 cc. produces the erythrocyte and reticulocyte responses formerly achieved with a dose of 3-4 cc. These responses satisfy the most exacting of published criteria.[1,2]

The 1 cc. injection costs the same as the former 2 cc. but the increased potency makes the treatment of pernicious anaemia easier and less expensive for the patient.

1. Della Vida and Dyke (1942) Lancet 2. 275. Riddle (1940) Amer. J. med. Sci. **200**.145. Isaacs et al. (1938) J. Amer. med. Ass. **111**.2291.
2. Minot et al. (1928) Amer. J. med. Sci. **175**, 599.

EXAMEN NEW POTENCY LIVER EXTRACT

1 cc. ampoules in boxes of 3 and 6. 5 cc. bottles

PRODUCT OF THE GLAXO LABORATORIES

GLUCODIN: purchase tax free

All supplies invoiced since July 10, 1944, have been tax free. Present retail prices are 1 lb. 2/-. 3 lb. 5/3.

GLAXO LABORATORIES LTD., GREENFORD, MIDDX. BYRon 3434

Sharp & Dohme

SULPHONAMIDES

the newest...

'SULFAMERAZINE'

Requires smaller or less frequent doses than Su na-diazine . . . Equally effective . . . No more t ic. Supplied in 0.5 Gm. tablets (bottles of 100, 500 nd 1000), and as Sodium Sulfamerazine Sterilized Po ler for intravenous solutions (5 Gm. vial).

for enteric bacteriostasis...

'SULFASUXIDINE' SUCCINYLSULPHATHIAZOLE

Highly effective against bacterial dysentery and as a proph ctic in intestinal surgery . . . Less than 5 per cent. absorbed. Su ied for oral use only as 0.5 Gm. tablets. (Bottles of 100, 500 and 00).

SHARP & DOHME Ltd. *Hoddesdon • Herts.*

MEDICAL EVANS SUPPLIES

Super-Suspensible BISMUTH CARBONATE

A light Bismuth Carbonate which is not excessively bulky in the dry state but diffuses perfectly in a fluid mixture giving a prolonged and homogeneous suspension. Even after long standing it is readily re-diffused.

Evans Super-Suspensible Bismuth Carbonate is consistent in density and maintains a standard of purity which meets the demands of all pharmacopœias.

EVANS SONS LESCHER & WEBB LTD

FINE CHEMICALS • BIOLOGICALS • PHARMACEUTICALS

Modern Salicylate Therapy

THE popularity of acetylsalicylic acid is undoubtedly due to the fact that it is one of the most effective non-narcotic analgesics available. Often, however, its use has been discarded by the physician on account of the possibility of its irritating the gastro-intestinal tract.

'Alasil' provides the beneficial therapeutic effects of acetylsalicylic acid in such a form that it is acceptable even by disordered digestions. This tolerability is due to the fact that it combines acetylsalicylic acid with Dibasic Calcium Phosphate and 'Alocol,' a potent gastric sedative and antacid.

Since 'Alasil' is so well tolerated its use can be pushed or prolonged to the desired extent. 'Alasil' is, therefore, an analgesic, antipyretic and sedative, which can be employed with complete confidence in all the many conditions in which acetylsalicylic acid is indicated.

Alasil Tablets

Aspirin with a Difference

Retail Prices: Bottles **1/5.** *Cartons* **6d.**
including Purchase Tax.

Trade Prices: **11/3** *and* **3/9** *plus Purchase Tax*

On the PATA

A. Wander Ltd., London, S.W.7
Works, Laboratories and Farms: King's Langley, Herts.

AW

INDEX TO ADVERTISERS

The fact that goods made of raw materials in short supply owing to war conditions are advertised in this paper should not be taken as an indication that they are necessarily available for export.

Allen, Stafford, & Sons, Ltd. 18
Anglo-French Drug Co., Ltd. 10

Bailey, R., & Son, Ltd. viii
Barnett & Foster, Ltd. 12
Battles, Ltd. ..... Leader Page
Blackwell, Hayes & Co., Ltd. iv
Blyton, Astley & Co., Ltd. ii
Boake Roberts, A., & Co., Ltd. ..... Leader Page
Brady & Martin, Ltd. vi
Briccas, Ltd. 16
British Drug Houses, Ltd., The i
British Felsol Co., Ltd. ..... Cover iv
British Schering, Ltd. 5
Brooks Appliance Co., Ltd. vii
Burge, Warren & Ridgley, Ltd. 24
Burrough, James, Ltd. ..... Leader Page
Burroughs Wellcome & Co. 25

Carter, H. W., & Co., Ltd. 15
Castle Huskisson, Ltd. vii
Cephos, Ltd. 5
Clinical Products, Ltd. v
Container Recovery Service x
Cooper Laboratory, Ltd. 9
Cooper, Son & Co., Ltd. ..... Leader Page
Cox, Arthur H., & Co., Ltd. 8
Cuxson, Gerrard & Co., Ltd. 10

D.D.D. Co., Ltd. 8
Dae Health Laboratories, Ltd. 22
Daniel, Richard, & Son, Ltd. 9

(*continued overleaf*)

There need be no delay in dispensing prescriptions for the fine products of

British Schering

which are, with negligible exceptions, in regular supply. The demand also is regular. The '**ALBUCID**' series, '**SOLGANAL B OLEOSUM**', the **HORMONES**, along with '**MEDINAL**', '**VERAMON**', '**NEUTRALON**' and '**UROSELECTAN B**' are being constantly prescribed. If a representative stock were laid in, it would be a satisfaction —for the prescriber, the patient and for you.

British Schering price list will be sent on receipt of a penny stamp (paper restrictions).

BRITISH SCHERING LIMITED

185-190 High Holborn, London, W.C.1

S54R

INDEX—(contd).

Delf, W. M., & Co. ..... Leader Page
Demuth, R., Ltd. ..... Leader Page

Elmbalm Pharmaceutical Specialities Co. ii
Evans, E., & Co. xi
Evans, Gadd & Co., Ltd. iv
Evans Sons Lescher & Webb, Ltd. 3

Fennings, A. ..... Leader Page
Ferris & Co., Ltd. vi
Fink, F., & Co. ..... Leader Page
Franks, A., & Bartlett Co., Ltd. 16
Freudentheil, Smith & Co. ii
Fryer & Co. (Nelson), Ltd. 24
Fulford, C. E. 12
Fulford, G. T., & Co., Ltd. ii

Gardner, W., & Sons (Glos), Ltd. x
Geigy Pharmaceutical Co., Ltd. iii
Glaxo Laboratories, Ltd. 1
Gnome Photo. Prods. x
Graesser, R., Ltd. iv
Graesser Salicylates, Ltd. vi

Hall, Forster & Co., Ltd. ix
Hampshire, F. W., & Co., Ltd. 13
Hobson, Trimble & Co., Ltd. viii

Imperial Patent Wadding Co., Ltd. 9
Ingram, J. G., & Son, Ltd. vii
International Chemical Co., Ltd. 14
International Laboratories, Ltd. ii

Johnson & Sons, Manufacturing Chemists, Ltd. iii

Kemball, Bishop & Co., Ltd. ..... Cover iii
Kerfoot, T., & Co., Ltd. 26
Knox, John, Ltd. 24

Laporte, B., Ltd. vi
Lax & Shaw, Ltd. 17

Manesty Machines, Ltd. .....
Marns, T., Ltd. .....
Marshalls .....
Midgley & Parkinson, Ltd. .....
Mitchell, L. A., Ltd. .....
Monsanto Chemicals, Ltd. ..... Cov

North British Rubber Co., Ltd. .....
Nutilis Products .....

Olley, C., & Sons, Ltd. .....

Pharmaceutical Specialities (May & Baker), Ltd. ..... Front C
Potter & Clarke, Ltd. .....
Prideaux's Casein Co., Ltd. .....

Rankin Bros. & Sons ..... Leader I
Reckitt & Sons, Ltd. .....
Rendell, W. J., Ltd. .....
Richter, Gedeon (Great Britain), Ltd. .....
Rose, J. L., Ltd. .....

Sandoz Products .....
Scott, A. & R., Ltd. .....
Sessions, W., Ltd. .....
Sharp & Dohme, Ltd. .....
Splendor, Ltd. .....

Tatlow, S., & Co., Ltd. .....
Tyne Truck & Trolley Co., Ltd. .....

United Glass Bottle Manufacturers, Ltd. .....
Urillac Co., Ltd. .....

Wander, A., Ltd. .....
Watford Chemical Co., Ltd. .....
Waymark, D. .....
Westminster Laboratories, Ltd. .....
Wood Bros. Glass Co., Ltd. .....

Zeal, G. H., Ltd. ..... Cove

Improved Pack!

URILLAC

NOW IN TWO SIZES

8½d. for 12 tablets

1/5d. for 25 tablets

including tax.

Display these attractive new packs on your counter and reap the benefit from our consistent advertising and growing sales.

THE URILLAC COMPANY LIMITED RAWDON, LEEDS

"I know it is difficult"

Your customers continually ask for **SILATEX** and **SANTRON** and yet you cannot obtain sufficient supplies to meet the demand. We are doing our best to arrange distribution to wholesalers so that all Chemists obtain their fair share. The demand is ever increasing but the shortage of raw material is a matter we know you will understand.
There is no shortage of **RENDELLS** or **MENSINOLE** and all Wholesalers now have ample stocks, so continue to display Rendells Products for Feminine Hygiene. It creates new customers and gives confidence to regular users.
Special Chemists' Display Material is still available, so write to-day for a supply.

RENDELLS
SILATEX
SANTRON
MENSINOLE

RENDELLS PRODUCTS

PATA

For Feminine Hygiene

J RENDELL LTD · HARDWICK HOUSE · 161-5 ROSEBERY AVENUE · LONDON E.C.1

The Sign of

DEPENDABILITY

MANUFACTURING CHEMISTS

with long experience aided by modern scientific production facilities and specializing in the manufacture of

PILLS AND TABLETS

ARTHUR H.

COX

& CO. LTD.

BRIGHTON

D.D.D. BALM

in free supply

D.D.D. Balm, the new non-greasy and ant septic ointment for skin troubles, is in fr supply. It is supported by a wide advertisi campaign, and is having a popular recepti from the public, among whom are many o friends of the liquid D.D.D. Prescriptio This non-greasy, antiseptic and healing bal encourages the elimination of any pus a hastens the natural process of healing. T preparation is one you can confidently reco mend, it is an assurance of steady profitab business.

TRADE TERMS: 16/- per dozen

Pur. Tax 2/8 per doz. Inclusive Retail Price 2/- per jar.

SHOWCARDS *are available t chose who stoc D.D.D. Balm.*

D.D.D. CO., LTD

3 FLEET LANE, LONDON, E.C.4

Forgive us if the widespread demand sometimes makes us keep you waiting for your supplies.

The farther ahead you can order the better will your wholesaler be able to supply you on time.

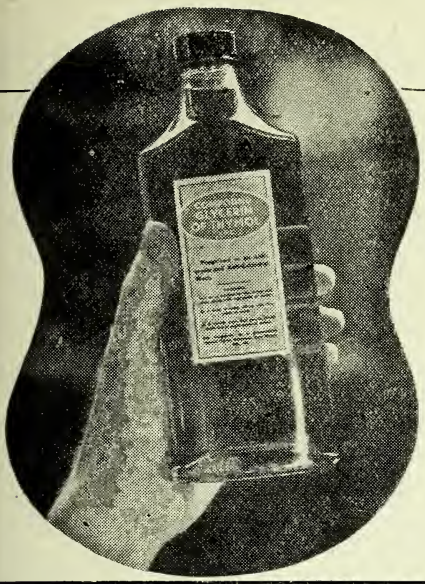
JUNO-JUNIPAH

Health Salts

T. MARNS, LTD.

123 Coldharbour Lane, London, S.E.

Phone : Brixton 4019



PACKED GOODS OF REPUTE

We take pride not only in the maintenance of the high quality of our packed goods but also in their excellence of presentation. It is on these standards that the reputation of our Packed Goods Department has been won.

Richard Daniel & Son Ltd. Derby

MANUFACTURING CHEMISTS

ESTABLISHED 1860 • DERBY 4266-8

Super Quality ABSORBENT COTTON WOOLS and COTTON WADDINGS

THE IMPERIAL PATENT WADDING CO. LTD.
(Dept. 8), 16 Tariff St., MANCHESTER
Phone : CEN. 1768.

CORKS! STOPPERS. ETC.

C. OLLEY & SONS LTD.
CAMPERDOWN ST. & GT. ALIE ST.
LONDON, E.1
Established 1844

The House for TABLETS & PILLS

We manufacture a complete range and supply packed or in bulk... Also we make to private formulæ.

PROPRIETARY REMEDIES PREPARED & PACKED

BULK TABLETS
including
N.F. and N.W.F. lines
supplied in convenient quantities
from 100 upwards

The COOPER Laboratory Ltd

THE SPECIALIST HOUSE
WATFORD

CUXSON, GERRARD & CO. LTD.,

OLDBURY, are pleased to announce that, as from July 1st, those Representatives who are available, will resume their calls upon Chemist friends.

Areas in which the Representative is still serving the National Interests, will be covered by nearest resident Representative.

GABAIL PRODUCTS

ELIXIR GABAIL

The ideal sedative in all nervous affections

	Retail, including Purchase Tax	Wholesale per dozen	Purchase Tax per dozen
Bottle of 187 c.c. . .	5/-	39/-	6/6
,, 16 oz. . .	9/6	72/-	12/-

SYRUP PERTUSSIS (Gabail)

An effective medicament for the paroxysms of Whooping Cough

	Retail, including Purchase Tax	Wholesale per dozen	Purchase Tax per dozen
Bottle of 4 oz. . .	3/-	24/-	4/-
,, 16 oz. . .	9/6	72/-	12/-

Manufactured by The Gabail Laboratories Ltd. (Gabail Ltd.), London, W.C.1

Ample supplies available through your usual wholesaler or from

THE ANGLO-FRENCH DRUG CO., LTD.

11-12 Guilford Street, LONDON, W.C.1

SANDOZ PRODUCTS

have pleasure in announcing that

ADEQUATE STOCKS

are again available of

CALCIUM-SANDOZ

(The original Brand of Calcium Gluconate)

AMPOULES

Calcium-Sandoz ampoules are available in two strengths corresponding to 10% and 20% calcium gluconate respectively. The calcium is actually present in the form of calcium glucono-galacto-gluconate which enables the solution to be stabilised without the addition of foreign substances. The 10% ampoules may be given in safety by the intra-muscular route without pain or irritation to the tissues and intravenously with the minimum of general reaction. The 20% ampoules are best reserved for intravenous use.

Calcium-Sandoz is injected when pathological conditions due to calcium deficiency call for immediate and speedy counter measures.

Indications: Tetany, Hæmorrhage, biliary colic, laryngeal œdema, allergic reactions and skin diseases.

To obtain a quick result, Calcium-Sandoz should be given intravenously.

Supplies can be obtained from all Wholesale houses, or direct from the sole distributors:

BROOKS & WARBURTON LTD.
232-242 Vauxhall Bridge Road, London, S.W.1

Technical Enquiries:

C. WALKER
134 Wigmore Street, London, W.1

SANDOZ

"RED CLUB BRAND"

FINE SOLUBLE ESSENCES

FLAVOURINGS

ESSENTIAL OILS

"NIAGARA" BRAND CULINARY FLAVOURS

BARNETT & FOSTER LTD.

Essence Distillers since 1895

NIAGARA WORKS, EAGLE WHARF ROAD, LONDON, N.

Telephone : CLERKENWELL 5708

C. E. Fulford LTD.

CARLTON HILL
LEEDS 2, ENGLAND

Manufacturers & Distributors of the following World-Famed Products

BILE BEANS
★ PEPS TABLETS
KUTNOW'S POWDER
KER-NAK PILLS

ZAM-BUK OINTMENT
ZAM-BUK SUPPOSITORIES
★ ZAM-BUK MEDICINAL SOAP
ASPAREL TABLETS
★ VEN-YUSA COMPLEXION CREAM

Write for Profitable Quantity & Display Terms.

Show Material also available on Request.

**At present these are all in short supply.*

Face Value

Advertisements like these —as well as some thousands of posters covering the British Isles—are telling women everywhere that Snowfire Beauty Makers still lead in face value. These striking advertisements and the compelling posters are keeping alive the goodwill of the Snowfire name so that these famous beauty preparations will be even more profitable to you when supplies are again unrestricted.

Snowfire

BEAUTY MAKERS

W. HAMPSHIRE & CO. LTD.

FREEZONE

FOOT COMPOUND

Proved–*and approved*– by the Public

'Freezone' Foot Compound, in the short tim it has been on the market, has brought comfor o many thousands of foot-weary men and wor n in all walks of life and in every part of e British Isles. As invariably happ , these delighted people are recommend g fellow-sufferers to follow their exam e — which is how best-sellers are ma ! 'Freezone' Foot Compound really s take the tiredness out of feet ; it does h l chapped and broken skin ; it does abs excess perspiration and thus keep feet dry and comfortable. T laboratory-tested and scientifica balanced powder, in addition to healing properties, possesses a gr advantage in the name 'Freezone' a is, in fact, a companion line to t other best-seller 'Freezone' Co Remover. 'Freezone' Foot Compou is now selling well and quickly. retails to the public at 1/9 (includi Tax).

INTRODUCTORY DISPLAY BONUS

Trade Price : 13/6 *per doz.*

Special 5% discount *on initial orders* for 'Freezone' Foot Compound in return for 14 days counter display of this attractive little Sales Aid sent with each order. Size 5″ x 3″ with cut-out windows bringing product on view. In addition to the above special discount, our normal quantity discounts of 7½% on £5 and 10% on £10 orders apply. Other I.C.C. Products may be included.

PROFIT ON BEST TERMS

Your return	21/-
Less tax	2/3
	18/9
Your cost	11/7
YOUR PROFIT = 38·2% per doz.	**7/2**

COUPON To International Chemical Co. L Clifton House, Euston Road, London, N.W

Please send.....doz. Freezone Foot Co pound on Display Terms.

NAME .....

ADDRESS .....

.....

.....

Enclose in 1d.-stamped envelope to above addre

S. O. S.

on a bottle

So desperate has the bottle shortage become that Ribena Blackcurrant Syrup now carries this additional label:

NOTE YOUR FUTURE SUPPLY OF RIBENA DEPENDS ON THE RETURN OF THIS BOTTLE WHEN EMPTY. YOUR CHEMIST WILL ALLOW YOU 1D FOR IT.

Ribena empties, so useless to the public, are VITAL to us. We cannot maintain output without them.

The 1d. per bottle which chemists are authorised to pay out will be refunded by us when the bottles reach us through the usual channel. Please speed their return.

Ribena
BLACKCURRANT SYRUP

H. W. CARTER & CO., LTD.,
THE OLD REFINERY, BRISTOL, 2.

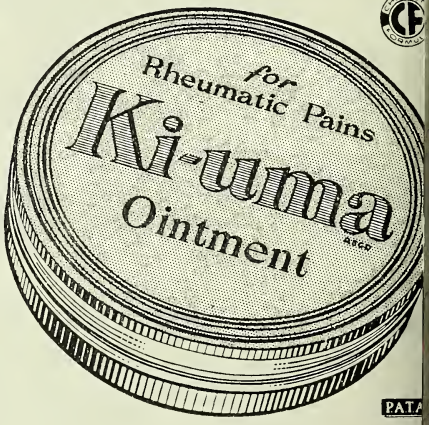
NATIONALLY ADVERTISED

KI-UMA
OINTMENT

FOR THE RELIEF OF:—
RHEUMATIC CONDITIONS,
STIFF & SWOLLEN JOINTS,
STIFF NECK, BRUISES, Etc.

Pack	Retail Incl. P.T.	Trade per doz.	P.T. per doz.
Tins	3/4½	27/-	4/6
1lb. Carton	22/6	180/-	30/-

FROM YOUR C.F. WHOLESALER, OR IN CASE OF DIFFICULTY, FROM THE MANUFACTURERS



PAT.A

WESTMINSTER LABORATORIES LTD., PENN, BUCKS

Telephone: PENN 3137

PARIVITAN
VITAMIN TONIC

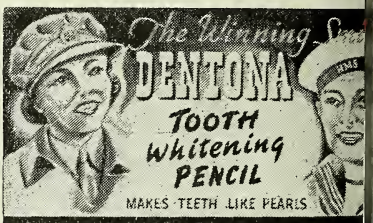
IS NOW ALSO ISSUED
IN THE FORM OF

TABLETS

for prescription and counter sale

issued
Bottles of 30 and 100
retail at 2/6 and 6/2 inc. tax

GEDEON RICHTER (G.B.) Ltd.
WEEDINGTON ROAD, LONDON, N.W.5



RETAIL 6°. From all Wholesalers.
ALFRED FRANKS & BARTLETT CO.,
AUDREY HOUSE, ELY PLACE, HOLBORN CIRCUS, LON

FRAGRANT TONIC HAIR CREA
MAKES THE HAIR BEHAVE
MY LADY'S VANISHING CREA
For loveliness and charm—Delicately perfu
Setting Lotion, Solid Brilliantine, Brillia
Cold Cream, Cleansing Cream, Antiseptic
LABELS FOR THESE LINES—6/- per gross.
PERFUME — COLOURING — BOTTLES —
EMULSIFIERS—Needing hot water only to
excellent preparations as above. Send stam
details to—
BRICCAS LIMITED
4 CAVENDISH PLACE, LONDON,

GLASS CONTAINERS

LAX & SHAW

LIMITED

Wholesale & Export Only

FOR FOOD & DRUGS

e gearing of our activities give the utmost aid to country's war effort has urally affected the variety glass containers we are now e to offer. Nevertheless a de range of moulds is still ilable and our high quality being maintained. Owing staff depletions our activities e perforce to be restricted bottles for essential food and g purposes. In the mean- e we are doing our utmost maintain prompt deliveries an equitable basis.

Regd. Office: Albert Glass Works, Hunslet, LEEDS, 10

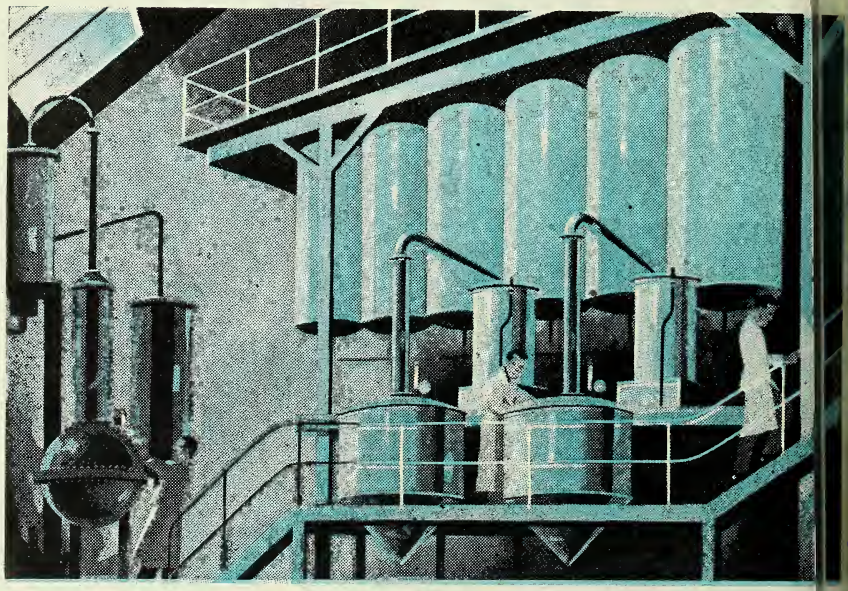
Tel.: 21568 (2 *lines*). Grams: Feeders, Phone, Leeds

London Office: 29 Ludgate Hill, E.C.4. Phone: City 7170

B

SCIENCE WITH PRACTIC

*Established 18*3



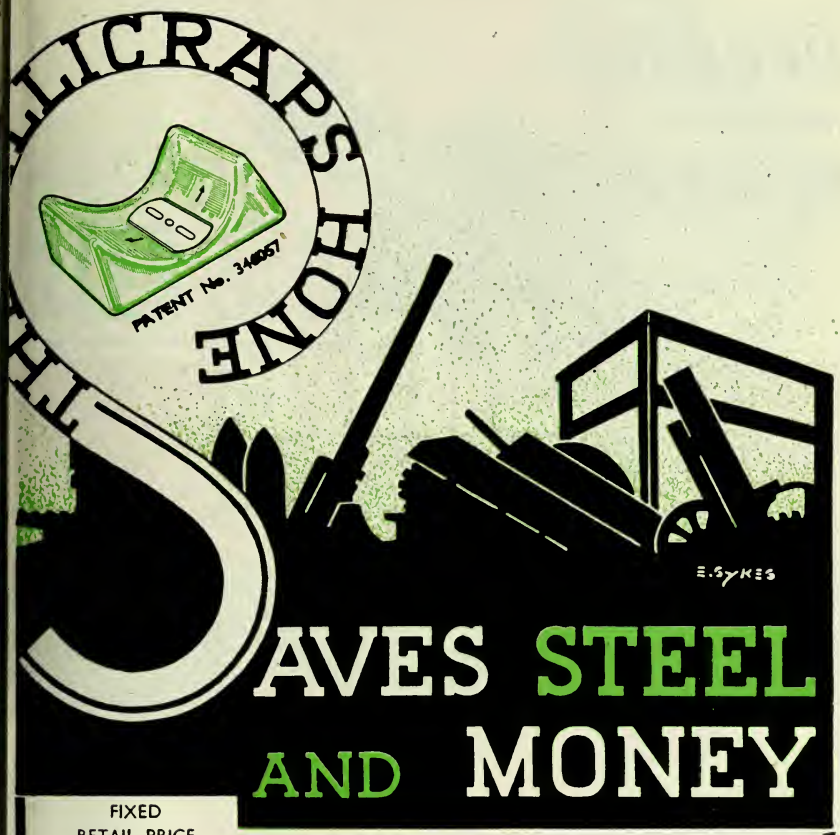
Impression of our Wharf Road Extraction

Extracts—Only the finest raw materials selected for the manufacture of StaffAllenS Pharmaceutical Extracts. They are prepared in many different forms—solid, liquid, granulated or powder. Concentrated Extracts for making Tinctures, Infusions, Liquid Extracts, are an important line. For uniform high quality, leading Manufacturing Chemists and Wholesale Druggists rely with confidence on Pharmaceutical Extracts by—

StaffAllenS

STAFFORD ALLEN & SONS, LTD., WHARF ROAD, LONDON.

TAS/AL



SAVES STEEL AND MONEY

FIXED RETAIL PRICE 2/1 (Including Purchase Tax)

EACH PACKED IN A SEPARATE CARTON WITH INSTRUCTIONS FOR USE.

ATTRACTIVE WHOLESALE TERMS ON APPLICATION TO THE MANUFACTURERS.

BY MAKING ONE SAFETY-RAZOR BLADE LAST FOR HUNDREDS OF SHAVES. THESE HONES ARE MADE IN GLASS OF UNIQUE PROPERTIES WITH A SPECIALLY PREPARED SURFACE AND ARE PATENTED THROUGHOUT THE WORLD.

WOOD BROS. GLASS CO., LTD.

(DEPT. H.I)

ESTABLISHED 1828

BARNSLEY **ENGLAND**

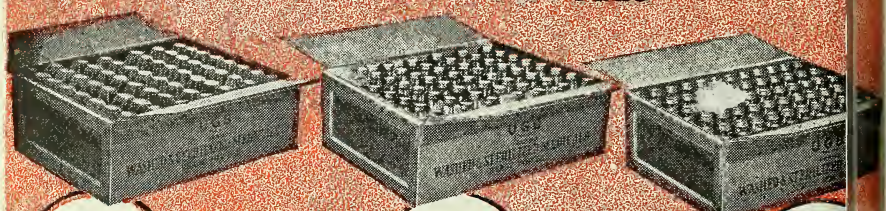
TELEPHONE 3637-8-9

TELEGRAMS: "WOODS, BARNSLEY"

GREATER THAN EVER IS THE DEMAND FOR

U.G.B

MEDICAL BOTTLES



CORK MOUTH

WHITE ENAMELLED METAL SCREW-CAP

KORKALI MOULDE CAP

WASHED AND STERILISED
—READY FOR USE—
THE IDEAL
DISPENSING BOTTLE
IN ANY EMERGENCY

UNITED GLASS BOTTLE
MANUFACTURERS LTD.
The Largest Manufacturers of Glass Bottles in Europe
3 LEICESTER STREET, W.C.2
Telephone: GERrard 8611 (10 lines)
Telegrams: Unglaboman, Lesquare, London

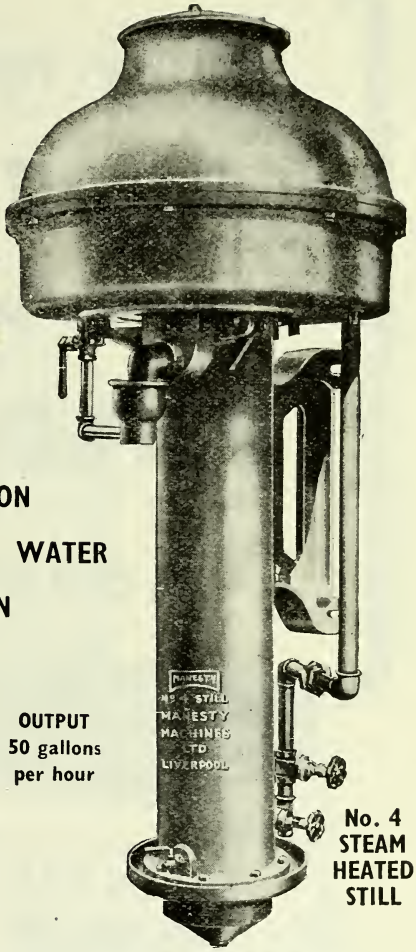
MANESTY

BRITISH MADE

AUTOMATIC

WATER STILLS

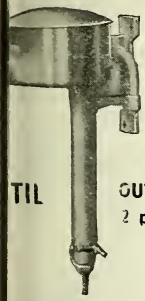
- CONTINUOUS IN OPERATION
- HIGH QUALITY DISTILLED WATER
- LOW COST OF OPERATION
- EASILY CLEANED



OUTPUT
50 gallons
per hour

No. 4
STEAM
HEATED
STILL

FROM



TIL

OUTPUT
2 pints per hour

ELEVEN MODELS AVAILABLE

HEATING by

GAS, ELECTRICITY, STEAM AND PARAFFIN

FULL DETAILS GLADLY SUPPLIED

MANESTY MACHINES LTD.

5 SPEKE HALL ROAD, LIVERPOOL 19

Phone HUNTS CROSS 1321. *Telegrams :* MANESTY, LIVERPOOL

Every month over

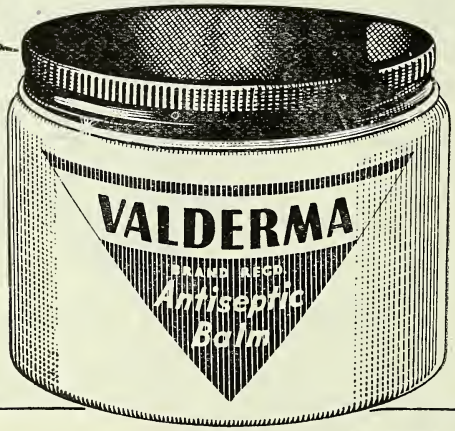
35,275,000

people see

VALDERMA

ANTISEPTIC BALM

Advertising



No wonder this fast sellin line makes big profits for go-ahead chemists

DELIVERY BY RETURN

STANDARD SIZE retails at 2/- a jar, including Tax. Trade Price 15/- per dozen. Purchase Tax 2/6 per dozen. DOUBLE SIZE retails at 3/6 a jar, including Tax Trade Price 26/- per dozen. Purchase Tax 4/4 per dozen. Show material sent with every order.

DAE HEALTH LABORATORIES LIMITED 26 BERNERS STREET,

Potter's

Asthma Remedy

Price 2/2 per Tin (inc. tax). Wholesale 18/- per Doz., plus 3/- per Doz. Tax.
Packed in half dozens.

Well advertised and world famous . . . A sound selling line for every Chemist

Potter & Clarke Ltd.
60-64 Artillery Lane, London, E.1.
77 Dantzic St. Manchester, 4.

POST-WAR MARKET NEWS

summarising post-war opportunities, special notices, new packaging and new products

TYNE TRUCK & TROLLEY CO. LTD.

Hand Trucks of every Description

66-68 NORTHUMBERLAND ST., NEWCASTLE UPON TYNE.

A reputation for reliability . .

"Sentinel

SANI-TOWELS

★

'SENTINEL' Nos. 1. 2. 3. and 'Maternit

(all cotton-wool)

also 'KUMFEX' soluble

(All with Loop Ends)

SPLENDOR, LTD., NOTTINGHAM

and 7c, Lower Belgrave Street, LONDON, S.

LABELS

FOR TOILET, COSMETIC AND PERFUMERY GOODS

in Continental and other exclusive good designs

Also Stock Design Labels in more than 300 wordings

Write for Samples

W. SESSIONS, LTD., EBOR PRESS, YORK

DR. KNOX'S

GRIPE MIXTURE

NOW AVAILABLE IN ANY QUANTITY

RETAIL 1/3

9/- dozen + $\frac{1}{6}$th tax

JOHN KNOX LTD.

Cannon St. Hanley STOKE-on-TRENT

36-38 Dean BIRMINGHAM 5

Victory-V

FOR COLD JOURNEYS

Famous in Name and Quality

FRYER & CO. (NELSON) LTD.

VICTORY V FACTORY

NELSON, LANCS.

CUSTOMERS FIRST

We endeavour to distribute our limited supplies equally among our customers and maintain the best service present conditions allow.

Druggists' Sundries; Toilet Requisites; Surgical and Rubber Appliances; Contraceptives.

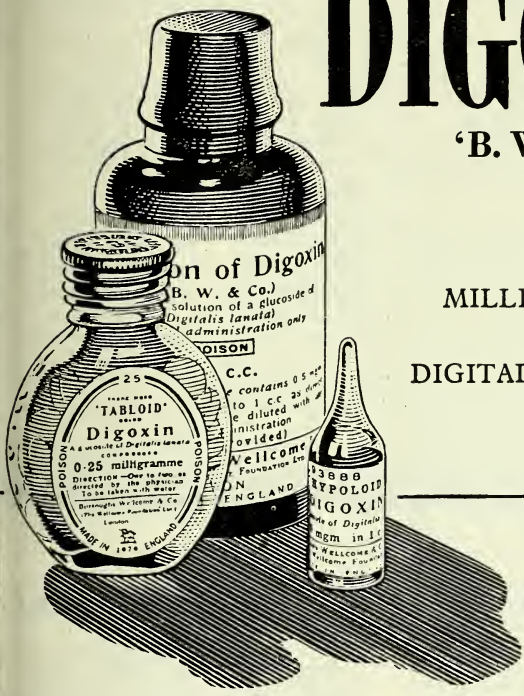
Burge, Warren & Ridgley, Ltd.

45 CITY ROAD, LONDON, E.C.

Phone: CLE 1710. *Grams: "Drugsund, Finsquare, London"*

DIGOXIN

'B. W. & CO.'



MILLIGRAMS OF

DIGITALIS ACTIVITY

goxin, being a definite substance of stant composition and activity, ers an unsurpassed degree of pre- on in digitalis therapy. Digoxin is pure, crystalline glycoside from *ritalis lanata*, discovered in the roughs Wellcome & Co. Labora- es. It satisfies the established eria for a reliable, potent digitalis paration.

'TABLOID' BRAND **DIGOXIN** compressed products for oral administration

'HYPOLOID' BRAND **DIGOXIN** ampoules of solution for intravenous injection

SOLUTION OF DIGOXIN 'B. W. & CO.' for oral administration

BURROUGHS WELLCOME & CO.

(The Wellcome Foundation Ltd.)

LONDON

KERFOOTS

BACTERIOLOGICAL SUGARS

Prepared under ideal conditions which ensure the utmost possible degree of chemical purity.

ARABINOSE · DULCITOL
INULIN · GALACTOSE
LACTOSE · MALTOSE
DEXTRINE (Precip. Starch Free)
DEXTROSE (Cryst. Anhydrous)
MANNITOL · RAFFINOSE
SACCHAROSE · SORBITOL

KERFOOT

Thomas Kerfoot & Co. Ltd., Vale of Bardsley, Lancashire

K12a

Recent Additions to Watford Chemicals

DUPRIN

Growth and form-regulating 'plant hormone,' containing 4-chlorophenoxyacetic acid with nitrogen, potash and phosphates. Induces roots on cuttings, formation of seedless fruit, etc.

STABALIN

series of preservatives and antioxidants.

POLYPHENYL HYDROXYBENZOATE

A screening agent against erythematous sunburn but does not prevent tanning of the skin.

o-n-BUTYL-p-CHLORPHENOL

Bactericidal and fungistatic agent with phenol coeff. of 141 against B. typhosus.

Also available

SALOL & CHLORSALOL

SULPHATHIAZOLE & COLLOIDAL SULPHATHIAZOLE

WATFORD CHEMICAL CO. LTD.

50 SOUTH AUDLEY STREET GROSVENOR SQ. LONDON W.I.

Telephone: GROsvenor 1016-9

The
CHEMIST AND DRUGGIST
For RETAILER — WHOLESALER — MANUFACTURER

Published Weekly at

28 ESSEX STREET, STRAND, LONDON, W.C.2

Telegrams: "Chemicus, Estrand, London" Telephone: Central 6565 (10 lines)
Emergency Address: 17 ARGYLE STREET, BATH Telephone: Bath 5492

CONTENTS

	Page
Review of the Seventh Addendum	584
oming Events	589
ompany News	579
orrespondence	598
eaths	580
dinburgh Branch Progress	583
ditorial Articles :—	
P.T. Extension in Abeyance	587
S. African Pharmaceutical Society	587
Q. and A. on Penicillin	588
Palestine Decontrols Cosmetics	589
nformation Department	586
nquests	578
nsurance Act Dispensing	594
egal Reports	578
Long-service Awards	580
Parliamentary News	575
Personalities	581
Pharmaceutical Students' Conference	593
Plant Improvements by Welding	595
Purchase Tax Order Debated	576
South African Pharmacists Conference	582
Summary of Council's 1944 Report	590
The Society's New President	594
Topical Reflections	577
Trade Marks	598
Trade Notes	579
Trade Report	596
West London Annual Meeting	594
Wills	580

NEWS OF THE WEEK

ontrol Commission for Germany.—The istry of Labour and National Service the Foreign Office are selecting and rviewing candidates for technical and ntific posts with the Control Commission Germany, but applicants who have not rd from the Commission by June 15 uld assume that they have been unsucsful.

ostal Service to Norway.—Restricted and surface mail services are now avail- to Norway. Only non-illustrated tcards and letters, not exceeding 1 oz. veight, on personal matters or on busis matters limited to ascertaining facts exchanging information, may be sent. tage rates are: *Air Mail*, letters (limit weight 1 oz.), 5d.; postcards, 2½d. *face Route*, letters, 3d.; postcards, 2d. respondence is not accepted for registra-, insurance or express delivery; and money order, printed papers or parcel services are available. Commercial grams limited to ascertaining facts and exchanging information are now accepted for dispatch to both Norway and Denmark.

MR. GWYN VAUGHAN MORGAN

We regret to announce the death, at Kilmeston Manor, Alresford, Hants, on May 31, of Mr. Gwyn Vaughan Morgan, a director of Morgan Brothers (Publishers), Ltd., proprietors of The Chemist and Druggist, aged seventy-two. He was the son of the late Mr. Septimus Vaughan Morgan who, with his brothers, founded The Chemist and Druggist in 1859. In 1898 he and his cousin, Mr. Penry Vaughan Morgan, became partners in the family business, which for many years was under their control. Mr. Gwyn Vaughan Morgan was a Lieutenant of the City of London, a member of the Board of Management of Middlesex Hospital and a Governor of Christ's Hospital.

Dublin Chemists' G.A.A. Club. — Mr. Terry Cosgrove has been elected captain of the Club's junior team, to replace Mr. Eamon Hayes. Mr. Jim Cassidy has been made vice-captain.

Industrial Pest Control Association.—At the recent annual meeting of the Industrial Pest Control Association the following were elected officers and committee for the year: *President*, Dr. E. Holmes (Plant Protection, Ltd.); *Vice-president*, Mr. A. F. McIntosh (Thomas Harley, Ltd.); *Treasurer*, Mr. S. F. Sprange (London Fumigation Co., Ltd.); *Executive Committee*, K. G. Anker-Peterson, F. H. Braybrook, F. P. Coyne, G. McLaren and J. E. R. Simons.

Victory Celebration at a Speke Works.—About 1,300 employees of Evans Sons Lescher & Webb, Ltd., manufacturing chemists, Liverpool, were entertained by the directors to a victory dinner, dance, whist drive, and cabaret at the company's Speke factory on May 25, in recognition of their services during the war. The employees came from all the company's factories on Merseyside, including the Liverpool, Speke, Runcorn, Ellesmere works, and from the laboratory. Arrangements were in the hands of one of the directors (Mr. O. N. T. Davenport) who was assisted by a small committee consisting of representatives from all the factories.

Ulster Chemists' Association. — The monthly meeting of the Associates' Section of the Ulster Chemists' Association was held in Belfast on May 31, Mr. W. H. Boys in the chair. The following applications for membership were proposed by Miss J. Taylor, seconded by Mrs. E. H. Barr, and accepted: *Pharmaceutical Chemists*, The Misses M. Coulter, A. Burns, Margaret Reynolds and C. B. Savage; Messrs. H. H. Spence, H. Y. Ferguson, F. Murphy, J. A. Strahan, W. Taggart, I. Miller, W. Loughran, J. Judge and I. R. Mackey; *Assistants*, The Misses Margaret Hay, Maureen Byrne, Kathleen Donnelly and M. Donoghue; *Apprentices*, Messrs. D. M. Kennedy, J. McComiskey, J. E. McColgan, J. J. McKeown and D. M. Wylie.

Doctors' and Dentists' Registers.—The General Council of Medical Education and Registration has ordered the restoration to the Dentists' Register of the following names: John Holden Beckett and Ivor Llewellyn Edmunds. The names of the following practitioners have been erased from the Medical Register: Delbert Evans, registered as of Flat 116, 55 Park Lane, London, W.1; and Francis Vincent ratty, registered as of Little S Birkenhead. Zaky Risk, 15 Sheaf Sheldon, Birmingham, 26; Mohammed 44 Olton Boulevard East, Acock's Birmingham; John Neil Leitch, 1 C Wood Road, London, S.E.26; Arthur Hennessey Devon, Limpsfield Road derstead, Surrey; and Mrs. Doreen W Manchester.

Anglo-U.S. Trade Co-operation president of the Federation of Briti dustries, in an address on "Co-opera Chaos?" given at the American Ch of Commerce in London on June that close co-operation between the lish-speaking peoples was the very stone of the peace structure, an essential complement of the twent pact between Britain and Soviet British industry believed, he said, th restoration of a world trading syste desirable from the national and national points of view, and wou operate in seeking to establish con in which such a system could functi the objective of an expanding world was to be achieved, creditor natio nations wishing to export must be pr to accept goods and services in exch

Saturday Closing in Dublin.—Agre has been reached between the Irish Association and the chemists' section Irish Union of Distributive Worke Clerks on Saturday closing in phar and drug-stores in the Dublin and Laoghaire boroughs. The new Sa trading hours, which came into ope on June 1, are from 9 a.m. to 8 p.m. i of from 9 a.m. to 9 p.m. The agre will not affect the special arrange applicable to Christmas week and is out prejudice to earlier Saturday where such are already in operation whole position is to be reviewed at t of December 1945. Persons who a members of a Union are to be em only in a temporary capacity pendi production of a Union membership Such persons are to apply for imm membership, and such membership not be unreasonably withheld. The tion in hours does not affect the e working week of forty-eight hours.

Thames Valley Annual Meeting.— annual meeting of the Thames Branch of the Pharmaceutical Society at Kingston-on-Thames on May 17, a debate took place on the prop "That proprietary medicines, sal

tising should be subjected to strict ol, and in many cases prohibited." Hocking, Tolworth, opened the debate ndicating which type of proprietary cines should come within the control. V. S. Howells supported the speaker, g that freedom of advertising was mentally wrong. Subtle advertise- s gulled the lay mind, and delayed ning proper medical attention. Mr. ewey agreed that some manufacturers epped the mark; it was up to the nacist to close down on non-ethical cts. Mr. Tavener said that the ards Committee must have legal , and that the Government should lt pharmacists as well as doctors. Mr. hite suggested removing the Proprie- Articles Trade Association, and allow- ice-cutters to "cut" such products off market. Mr. H. Black (president) ed up that some patent medicines be done without; how, he asked, pharmacists educate the public st the power of the Press when, so s revenue came from advertisements, ress would not cut out advertising? following officers were re-elected: *lent*, Mr. H. L. S. Black, Kingston; *urer*, Mr. W. Griffiths, New Malden; *ary*, Mr. O. L. Crossley, 106 Malden New Malden.

ociation for Scientific Photography.— the Association for Scientific Photo- y in London, recently, Mr. Edward e, F.R.M.S., F.Z.S., discussed pos- improvements in photomicrographic atus, especially with the effect of orating the various components in a unit. In his view it was quite pos- to condense the whole apparatus and microscope) into an overall of not more than 20 in. In the course bsequent discussion, Mr. J. L. French that he was in process of manu- ing a prototype for a photomicro- c apparatus, but that he had arrived nclusions varying from those of Mr. e. At another meeting of the Associa- paper on "An Experimental Approach me-lapse Photography" was given J. H. Ridley, A.R.P.S. Mr. Ridley ned that by time-lapse, stop-action celerated-motion photography, he the speeding-up of actions or ns which were normally unnoticeable naked eye. There were several ways ich the interval could be controlled, g from small cups suspended at either a centrally pivoted arm, into which water dripped at a predetermined rate, so causing the arm to move up and down, to an electrically-operated timing device. He first selected his subject and made an experimental growth under photographic conditions, so that (*a*) the time which that growth takes, and (*b*) its reaction towards artificial light could be ascertained. He then found how long the growth took and worked out the time interval required.

PARLIAMENTARY NEWS

Teats for Liverpool.—The President of the Board of Trade stated on May 17 that he had arranged for additional supplies of teats to be sent to Liverpool.

Heparin.—Mr. R. Morgan asked the Minister of Health on May 31 to what extent use was being made in this country of the Canadian-discovered drug heparin. Mr. Willink: I have no information as to the exact extent of the use of heparin in this country, but it is a substance with which the medical profession is familiar, and I understand that its use is growing.

Imports of Oils and Fats.—Mr. Driberg asked the Minister of Food on May 30 how soon he expected to be able to import some quantity of olive oil from Italy, or soya, peanut or other oil from elsewhere. The Minister of Food (Colonel Llewellin), in reply, regretted that there was no prospect of obtaining additional supplies of such imported edible oils and fats during the next few months.

Quinine Supplies in India.—Mr. Sorensen asked the Secretary of State for India on May 31 the mortality rates for malaria in India during the past ten years: to what extent this was attributable to the shortage of quinine; and what percentage of the 244,000 lb. of quinine in stock in April was available for civilian consumption. The Secretary of State for India (Mr. Amery) said, in reply, that it was not possible to give reliable figures of deaths in India specifically attributable to malaria, nor to estimate to what extent they might have been reduced by greater use of quinine. The supply of quinine until the Japanese occupation of Java was, broadly, equal to the demand, and supplies of synthetic substitutes had for some time been reaching India in substantial quantities. Of the 244,000 lb. of quinine in stock in April, 1944, 200,000 lb. was available for civilian consumption.

PURCHASE TAX ORDER DEBATED

THE Purchase Tax (Suspension of Registration Limit) Order, 1945, which came before the House of Commons on June 1, received such opposition from Members that it was decided to hold it over for further consideration. Moving approval of the Order, the Financial Secretary to the Treasury (Mr. Peake) said the sole defence that could be put forward for the exemption was that it had certain administrative conveniences, but it operated unfairly between the man whose annual turnover was less than £500 and the man whose annual turnover was £500 or more.

Chemists' Position Propounded

MR. TURTON (Thirsk and Malton) said he hoped the Financial Secretary would reconsider the Order. The people had got to a stage in the war when they hoped there would be a relaxation of burdens, but one effect of the Order would be that certain business men now believed that the purchase tax was on for ever. Mr. Turton described the position of pharmacists, emphasising the effect of the Order on small chemists who had contracted to supply drugs to local doctors for use in their practices. They had made up drugs, not for any particular patient, but in order that a doctor might use them when he was precribing for his patients. He was sure no one wanted to force chemists to give up the business of making-up drugs for local doctors, or to become registered. Unfortunately, however, the definition of a manufacturer made it clear that the only exemption was for making-up drugs for a particular patient. He hoped the Financial Secretary would give an undertaking that, in the Finance Bill that they would be discussing later, he would make provision to secure that small *bona-fide* businesses would be excluded from the operation of the Purchase Tax Order, as amended by the proposed new Order, about which he was suspicious. Who had suggested to the Treasury that that Order was necessary? It would affect small businesses of every nature, not only chemists'.

SIR HERBERT WILLIAMS (Croydon, South) moved that the debate should be adjourned to give the Government time to consider whether they should pursue the Order in its present form or not.

MR. LINSTEAD (Putney) felt that the House had not fully understood all the implications of a very simple-seeming Order. They were told that the £500 limit was originally imposed for administ convenience; in other words, the Cu and Excise Department had not e staff at that time to do the administ thoroughly. He presumed that the s of inspectors was now easier. The intr tion of the purchase tax meant a subst additional bill to small businesses. bers had not been told by the Fin Secretary to the Treasury what the exp yield was, nor had they been tol number of businesses likely to be aff These figures were relevant to the discu One could only assume that, becaus Order had been made at that very stage in the war, it was really the inte of the Treasury that purchase tax s become a permanent feature of the ta system. If that was so, it ought not dealt with in the way proposed. A decision of policy was involved.

Application of the Tax to Medicines

The purchase tax on drugs and med was applied in a charge occupying lines. Those three lines were interp by the department in a pamphlet tha to ten pages, and, in fact, it was n three lines that were passed by the H but the ten pages of interpretation of those lines meant, which was, effect the law of the land today. It was gr unsatisfactory that a major tax decision of that kind should be brou by a "side wind." The effect on the manufacturer, without doubt, was th was going to give up hope, shru shoulders and buy the goods which he to make with his own hands from th manufacturer. He had little doubt it was the big manufacturer who had putting pressure on the Treasury to the net completely round everybody a he would not say primarily, but incide —squeeze out the small, but intellige imaginative competitor of the big m

MR. PEAKE, replying to the de disagreed entirely with the case tha been put. At the same time, there se to be little unanimity in the House the desirability of proceeding with Order at the present stage. In the cumstances, he would report to the C cellor of the Exchequer what had said, and would give him an opport of considering whether or not it essential to proceed with the matter b the House dissolved. Editorial, p. 5

The debate was adjourned.

TOPICAL REFLECTIONS

orant Objectors

f what nature are objections to "big iness," the subject of your editorial cle on p. 561? I need not emphasise a vious remark of mine that the basic blem is always to find the most efficient for the working unit. But I may allude, assing, to a stirring address by Sir Clive llieu, president of the Federation of ish Industries (reported in "The Times" une 2 and elsewhere), which deals with ide range of trading problems with a terly grasp of the issues. Those who ect to big business have never told us, ar as I am aware, how big a concern st become before it qualifies for their pproval. The objectors may be divided two classes. In the first class are rant doctrinaires. Reducing their tenets he simplest terms, they amount to this: business as such should be abolished; there is something inherently wrong in king a profit; and that consequently the e should decree hours of work, salaries, es of goods and all the other factors aining to the exchange of commodities. very neat and tidy; but the outcome ld be an organised life resembling that community of ants, or what Sir Clive llieu has just called "a form of neo-ism." In the second class are ignorant imentalists, who proclaim that in large istrial houses the personal touch is ting and the employee is a mere cog in achine. On various occasions it has been privilege to go behind the scenes in ks and factories; I have passed through artment after department of workers , if they had any feeling of discontent, e remarkably successful in concealing it.

dren and Chemicals

he discussion at Leeds on the sale of plosive materials" to school children 564) showed a full appreciation of the blem. Both Mr. Dobson and Mr. Chal-r got to the root of the matter, leaving e to be said. Mr. Dobson's chief point, rding to the report, was that the Council he Pharmaceutical Society could and ld deal with this question by other ns that a threat of setting its Statutory mittee in motion. I entirely agree. s grandmotherly attitude gives further t to your remark, in a recent editorial cle, that it would not be to the advan-of pharmacy if the Society—which in s like this means its Council—became wn as a prosecuting body. The manufacture of a charge of "infamous conduct in a professional respect" out of an indiscretion is all very well as a pastime, but as a policy it indicates a serious departure from realism. Mr. Challinor pertinently asked what there was to prevent enterprising youths from purchasing different materials for their experiments from different shops. He mentioned chemists in this connexion: we may be certain, however, that these young adventurers would not necessarily confine their inquiries to any one class of shop. Does the Council of the Society contemplate ordering the display of a placard on the subject in every pharmacy? If so, how should it be worded? "No Chemicals" would look odd in a chemist's shop; and "No Explosives" would call for elucidation.

Pharmacy's Relation to Medicine

Replying to questions at the recent conference of the British Pharmaceutical Students' Association (p. 566), Professor Berry made some points worth remembering. Pharmacists, he said, need a knowledge of therapeutics; and, he added, "Pharmacy should be within the faculty of medicine within a university, but the two schools should be separate." The addition of therapeutics to the curriculum for a pharmacy degree is not so formidable a proposition as it may sound. Therapeutics is so closely related to pharmacology that the two subjects may be regarded as one for purposes of study; the course would no doubt be selective; and it is intended to lighten the curriculum in some other part or parts. When the proposal is noticed in certain quarters, there may be shrieks about counter prescribing; but Professor Berry's boldness is justifiable, and all of us can afford to hear such outcries with equanimity. Surely it is time that reference to pharmacy as the handmaid of medicine was dropped. Let us call it, for a change, the foster-mother of medicine. With the help of anthropology a case for that relation can easily be put up. As we know, the physician, deriving from the magician (the medicine man), took over much of his authority and for centuries lorded it over the compounder of remedies—witness many quaint illustrations in your Annual Special Issues. That attitude was formalised in the famous nineteenth rule of William Bullein in 1562: "That he [the apothecary] doe remember his office is onely to be the Physicians Coke."

Xrayser

LEGAL REPORTS

Committed for Trial.—At Lewes Assizes, on May 25, Mrs. K. N. Griffin, Worthing, was committed for trial on charges of attempted suicide by injecting morphine, and with administering morphine to her ten-months'-old child with intent to murder him. An occupant of a neighbouring flat stated that she had heard Mrs. Griffin say she had given the baby three grains of morphine and had taken six herself.

War-time Galenicals.—At Birkenhead magistrates' court, on May 30, Denis McDermott, M.P.S., Old Chester Road, Birkenhead, was summoned for selling deficient sweet spirit of nitre and tincture of gentian. Douglas Harvey (manager of the shop) said that had he placed "War Formula" on the label it would have been all right, as, owing to restrictions, chemists were not permitted to use spirits. An assistant said she told the inspector who made the purchase that the preparations were substitutes. A fine of 10s. was imposed on each of two summonses, with £2 2s. costs.

Probation Act Applied.—In a case heard recently at Rathkeale, co. Limerick, Eire, in which the Central Pharmacy, Main Street, were prosecuted for selling hydrogen peroxide alleged to be not up to standard, manufactured by the Nyal Co., Ltd., Dublin, the district justice said the Nyal Co. was a very reputable firm, and had taken all precautions to see that there was not a recurrence of the deficiency; they had withdrawn all the particular lot of peroxide from the market. He would apply the Probation Act on an undertaking to pay £3 3s. costs and 24s. expenses. The certificate of the analyst showed that the sample contained hydrogen peroxide, 0·66 per cent.; water 98·34 per cent. The hydrogen peroxide was thus 33 per cent. below the minimum allowable under the standard of the Pharmacopœia. The company claimed that the peroxide had been sent out by the firm 10 per cent. above required standard, and that the stoppers could have become loosened in transit. The company had been engaged in the manufacture of peroxide for the past fourteen years, and this was the first time there had ever been a complaint.

Offences by Herbalist.—At Lancaster, on June 1, J. McGregor, described as a herbalist, 10 Gage Street, Lancaster, was fined £10 for advertising an article in terms calculated to lead to its use for procuring an abortion; and £5 in each on charges of selling pills without showing their design tion, constituents or ingredients. Defendar was also ordered to pay an advocate's f of £3 3s. He was allowed a month in whic to pay. Defendant, who was not presen pleaded "Not Guilty." Mary Josephir Billington, an agent of the Pharmaceutic Society, said she saw on defendant's sho counter two leaflets advertising female pill One advertised corrective pills for fema irregularities, in four strengths, at varyir prices up to 24s. a box. She afterwar wrote, enclosing 2s. 6d., and received a bo of pills of the first strength. No descriptio was contained on that box, nor was ther any description on a box of the secon strength pills, which was later sent for 5 She did not know the defendant, but th replies to her letters were signed " McGregor." It was unsuccessfully co tended that defendant had no case t answer, inasmuch as there was no evidenc he was the person who committed th alleged offences.

INQUESTS

Morphine Addict.—At an inquest a Chertsey recently, the coroner recorde an open verdict on the death of Dr. Thoma Henry Belt, who was earlier found dea in a car. A medical man gave evidenc that Dr. Belt had been his patient fo anxiety neurosis for three-and-a-half years on his prescription, Dr. Belt had obtaine morphine, at first gr. 3½ and later gr. daily. He had reason to believe that Dr Belt was also obtaining drugs on his ow prescription. The coroner said that Dr Belt was an extremely skilled pathologist and his death in such circumstances wa a loss to the medical profession.

Lysol Mistaken for Whisky.—At a inquest at the County Hospital, Monaghan Eire, recently, a coroner's jury returned verdict that Robert J. Kelly, Tullykenny Smithboro, died from paralysis of the hear and respiratory organs as the result o drinking lysol. It was stated that he and farmer had treated a sick horse with half-pint bottle of lysol, obtained from veterinary surgeon for the purpose. The had two drinks in Monaghan and took wit them a half-pint bottle of whisky. Kell offered a drink to a companion and wa heard to say: "In case you would thin that this was poison I will take a glas myself." He poured out about half a smal glass and drank it. In a short time he said "My God, that's lysol."

TRADE NOTES

On the Road " Again.—Cuxson, Gerrard Co., Ltd., Oldbury, announce that, from y 1, any of their representatives who are ilable will resume calls upon chemists.

nquiries Direct.—Owing to the serious ess of their representative in Yorkshire parts of Leicestershire and Nottingham-e (Mr. A. J. Robson), W. B. Cartwright, ., Rawdon, Leeds, request customers in se areas to send inquiries, orders and ittances direct until further notice.

dequate Stocks Available.—Sandoz Pro-ts state that supplies of calcium-Sandoz nd calcium gluconate are again available ough wholesalers or through the sole ributors, Brooks & Warburton, Ltd., Vauxhall Bridge Road, London, S.W.1.

Bottled Fertiliser. — Liquinure liquid nure, manufactured by Liquinure Sales, l., 27 Burnt Oak Broadway, Edgware, l presented in clean and attractive bottles, nmands an increasing demand from ateur gardeners, and is admirably pted to sale from pharmacies. The paration is covered by a number of tish patents, and it is understood that 000,000 gall. was sold last year.

New Wound-treatment Preparations. — armaceutical Specialities (May & Baker), l., Dagenham, have introduced two new ducts: Thiazamide sterilised sulphathia-e with 1 per cent. proflavine hemi-phate, for use in the prevention and atment of wound infection, in con-ners of 12 gm.; and proflavine hemi-phate—M. & B., a neutral salt for in place of sulphate. The latter is ued in bottles of 5, 25, 100 and 500 gm.

Business Changes

Mr. Carl Norman, M.P.S., D.B.A., has en appointed chief technical adviser to che Products, Ltd.

Mr. W. J. Bush, a representative for len & Hanburys, Ltd., has taken up sidence at Fairfield, 305 Portland Road, ove, 3.

Mr. R. A. Hughes, M.P.S., has taken er the Castle Pharmacy, formerly known "Ashtons Chemists," Beaumaris, Angle-y. [Corrected note.]

roprietary Articles Trade Association

Additions to Protected List.—*J. G. Ingram & n, Ltd.*, Omega teat, 5½d., 43s. gross; val ve d., 36s. gross (both exempt from tax).

COMPANY NEWS

Les Parfums Mirande & Astoria Beauty Laboratories, Ltd. (P.C.).—Capital £10,000. Chemists, druggists, per-fumers, etc. Thomas Arden and George E. Wheeler, directors. R.O.: 3 Barlby Road, London, W.10.

British Export Trade Research Organisation.—Company limited by guar-antee, without share capital. For objects, see *C. & D.*, March 31, p. 316. R.O.: Georgian House, Bury Street, St. James's, London, S.W.1.

Marlows (Chemists), Ltd. (P.C.).—Capital £5,000. To acquire the business of a chemist carried on by the representative of the late Arthur E. Marlow, at 276 and 278 Penn Road and 195 Coalway Road, Wolver-hampton. Mrs. Anne E. D. and George W. Gregory, directors. R.O.: 276–78 Penn Road, Wolverhampton.

Chemical Foundation, Incorporated. —Chartered in New York City by the Secretary of State as a membership cor-poration without capital stock. To institute, foster, encourage and finance, by all legal means, investigation and research in chemistry and allied sciences and in the useful arts; provide for or assist in the providing of means and machinery by which scientific researches, inventions and processes may be developed, applied and patented and the public and commercial uses thereof determined.

Stevenson & Howell, Ltd.—An ordinary dividend of 13 per cent. (same as previous year) has been declared for 1944.

British Alkaloids, Ltd.—Directors re-commend a final dividend on the ordinary shares of 18 per cent., making 30 per cent. for the year ended March 31. Trading profits amounted to £173,731, against £190,730 in the previous year.

Kempthorne, Prosser & Co.'s New Zealand Drug Co., Ltd.—Directors' re-port for the year ended January 31 gives the following figures: Unappropriated balance brought forward, £38,343; net profit for current year, £50,153, less interim dividend for half-year to July 31, 1944, at 3½ per cent., £22,775, leaving £65,721. Payment is recommended of a dividend of 4½ per cent., making 8 per cent. for the year; carried forward, £36,438. Messrs. W. O. McKellar and J. M. Paterson (retiring directors) offer themselves for re-election.

DEATHS

BROWNE.—On May 16, Wing-Commander Hubert Francis Brown, M.Sc., eldest son of Mr. Frank Browne, Ph.C., F.R.I.C., 41 Creffield Road, Ealing, W.5.

EVANS.—Recently, Mr. Benjamin Wilfred Evans, M.P.S., 56 Halesowen Road, Old Hill, Staffs. Mr. Evans qualified in 1911.

EUNSON.—At 46 Main Street, Biggar, Lanarks, on May 24, Mr. John Eunson. Mr. Eunson qualified as a chemist and druggist in 1910.

NICHOLSON.—On May 22, Mr. Joseph William Nicholson, M.P.S., 50 King Street, Penrith, aged fifty-nine.

MOORHOUSE.—On May 27, Mr. Joseph William Moorhouse, Ph.C., 10 Huddersfield Road, Barnsley, aged seventy-four.

MORTIMER.—On May 20, Mr. Henry Mortimer, M.P.S., 78 Meadow Road, Leeds, 11, aged sixty-six.

REDFEARN.—On active service in April 1944, Sergeant Alan Richardson Redfearn, R.A.F., M.P.S., 198 Mauldeth Road, Burnage, Manchester, 19. Sergeant Redfearn qualified in 1940. He was previously reported missing.

WHITBY.—On May 19, Mr. James Birchall Whitby, M.P.S., Bylands, Bodicote, Banbury, aged sixty-two.

WILSON.—While on active service in Western Europe, on April 24, Captain William Donald Wilson, R.A.M.C., M.B., Ch.B., son of Mr. William Wilson, Ph.C., 5 Darlington Street, Wigan, aged twenty-five.

WILLS

MR. ARTHUR SHORT, M.P.S., 756 Chesterfield Road, Sheffield, left £4,686, with net personalty £4,528.

MR. ANDREW ROBERT MULLIGAN, M.P.S., Church Street, Deeping St. James, Peterborough, left £608.

MR. HARRY CATLOW, M.P.S., Medical Hall, Llangollen, Denbighshire, left £3,627, with net personalty £3,368.

MR. WILFRID PEEL, M.P.S., 41 Stainland Road, West Vale, Greetland, Yorks, left £477, with net personalty £192.

MR. WESTWOOD OLIVER MACNEILL, 63 Union Street, Greenock, founder of Westwood, Macneill & Co., Ltd., chemical and tar-products merchants, Glasgow, left personal estate in Great Britain valued at £4,888.

LONG-SERVICE AWARD

AT a luncheon held at Southsea on Ju the directors of Timothy Whites & Ta Ltd., made awards to members of the with long records of service with company in the south of England. presentations were made by the chai (Mr. Louis Nicholas). The loyal toas proposed by MR. G. A. HARBIN, M (a director with sixty years' service) MR. J. J. SAINSBURY toasted "H.M. F and the Merchant Navy," stating that 982 employees of the company were se with H.M. Forces. THE CHAIRMA proposing "Our Long-service Staff," pressed the desire of the directors to their appreciation of the loyal se rendered by their staff by the present of illuminated scrolls recording length of service with the company gether with cheques for £100 (free of ta men with over forty years' service an (free of tax) to women employees twenty-five years' service and over. awards made at a similar function tha recently taken place in Leeds, a tot fifty-five male employees with a service of 2,517 years (an average of forty-five years), and fifty women empl with a total of 1,429 years (an avera twenty-eight and a half years' service received awards—altogether 105 empl with a total service of nearly forty centu Anticipating the Beveridge scheme by years, the directors had inaugurat staff pension fund in 1937, and the com had contributed some £45,000 to the MR. A. J. ESPLEY, M.P.S. (formerly ma ing director), in seconding the toast, closed that the presentation originate of a suggestion to him that a lett appreciation should be written to Abbott, one of the recipients, on completing forty years' service with company. The directors felt that occasion merited something more than and the presentations were the result.

MR. E. C. PINK (chief hardware b with forty-three years' service to his c responded. Whatever the company's for the future might be, he said, directors could rely on the loyal su of the staff. Among the recipients wer brothers S. W., F. G., and A. J. Lane, fifty-four, fifty, and forty-five y service respectively, Mr. Addison fifty-two years, his daughter (Miss F Addison), with twenty-eight years, an sisters E. and M. Webber, with tw eight and twenty-five years' service.

PERSONALITIES

JOR F. A. TILSTON, V.C. (*C. & D.*, 2, p. 555), whose portrait taken in hospital is here reproduced, is progressing satisfactorily. Readers will greatly regret to learn that, as the result of the exploit which gained Major Tilston the highest military award, he has lost both his feet. During battle training in this try he was wounded and survived an ation for the removal of a bullet from heart. Later, in Normandy, he was n up in his "jeep" by a mine.

R. T. J. ROBERTS, M.P.S., Ruthin, ighshire, has been elected vice-man of the Denbighshire Education mittee.

R. T. HELMN, M.P.S. (Boots, Ltd., don), gave an address on "The nical Industry in Britain" to Swindon ry Club on May 17.

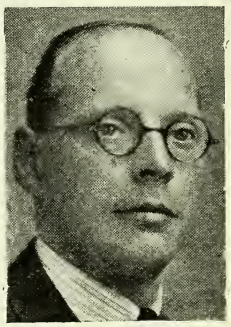
R. WILLIAM RAYMOND READ, an Aus-an pharmacist, has been elected to the slative Assembly of Western Australia. Read has been a member of the city cil of Perth for eighteen years.

R. E. V. THOMAS, the chairman for the of the Romford Branch of the Pharmaceutical Society, is a native of Perranporth, Cornwall, and served his apprenticeship with Boully & Co., Bayswater, London. He qualified in 1932 from the Chelsea Polytechnic, and after retail experience with Savory & Moore, Ltd., joined the representative staff of Pharmaceu-l Specialities (May & Baker), Ltd., in 4. In 1937 he was transferred to the e staff, and subsequently appointed eral manager of the company. In 1942 was elected to a seat on the board of directors. Mr. Thomas was a prime mover in the formation of the young branch of which he is now chairman, and has acted as its treasurer since its inception in 1942. Interested in all matters pharmaceutical, he is a firm believer in unity.

MR. RICHARD CLITHEROW, M.P.S., has resigned his seat on the Liverpool City Council. He went in as a Conservative, but stated that he had become increasingly convinced that a Socialist policy was essential.

MR. KENNETH HESLOP, Mapperley, Notts, who formerly represented Eli Lilly & Co., Ltd., in the Midland area, has been promoted Staff Captain and transferred from Burma to take up duty in India as Adjutant to Royal Army Medical Corps' Formation Headquarters. Mr. Heslop was one of the first pharmacists to be commissioned in the Royal Army Medical Corps.

MR. L. PIPER, M.P.S., who was recently re-elected chairman of the Ipswich Branch of the Pharmaceutical Society for the thirteenth successive year, served his apprenticeship in pharmacy to Mr. J. W. Chambers, West Bridgford, Nottingham. He attended the Nottingham School of Pharmacy and London College of Pharmacy, qualified in 1915, and had four years' service with the Royal Artillery in India and Hong Kong during the war of 1914–18. After a period of locum work, he purchased the business of the late Mr. M. T. Miner at London Road, Sheffield, and was for some time secretary of the Sheffield Pharmaceutical and Chemical Society. In 1931 he purchased the pharmacy of Mr. G. N. Edwards, The Wolsey Pharmacy, Ipswich, an old-established business carried on in a handsome fifteenth-century building, the reputed birthplace of Cardinal Wolsey. Mr. Piper is the present secretary of the local branch of the National Pharmaceutical Union, Ipswich district pharmaceutical war committee, and Ipswich Pharmaceutical Committee. He is a member of the East Suffolk Insurance Committee, and chairman of its medical benefit subcommittee.



SOUTH AFRICAN PHARMACISTS' 1945 CONFERENCE

MANY resolutions were discussed at the twenty-second annual conference of the Associated Pharmaceutical Societies of South Africa, held at East London on March 12 to 15. Unanimous support was forthcoming for a motion put by the Natal Society, urging that remuneration of chemists in Government or provincial employ should reach at least the minimum to which the Government expected other employers to conform.

Future of Import Controls

The question of controls of imports of drugs and similar commodities was raised on a motion by the Pharmaceutical Society of Pietermaritzburg and North Natal. A statement was made to the Conference by the Controller of Medical and Photographic Requisites, who reminded the meeting that, owing to the operation of the Control and the exceptional co-operation received from pharmacists, there had been no "black market" in South Africa in pharmaceutical requisites. The Controller promised to endeavour to ease the anomalies mentioned at the Conference, and said it was the intention of the Government to relax controls so soon as conditions permitted. The Conference then unanimously adopted a motion of thanks to the Controller, and the original resolution was negatived. The Conference also decided, by a majority vote, to urge the executive to consider reopening the Patent Medicines and Appliances Bill with a view to its being presented to Parliament.

A resolution to change the name of the organisation to the Pharmaceutical Society of South Africa, and to amend its constitution in certain particulars, was discussed by delegates from the constituent societies "in a spirit of reasonableness and compromise." Contentious matters, such as autonomy and the rights of branches, election and composition of the executive, disciplinary powers, and annual subscriptions, were negotiated through subcommittees elected as and when points of difficulty arose, and in each instance the subcommittees were successful in arriving at a common basis of agreement acceptable to the Conference.

A resolution designed to restrict the embossing of manufactured tablets to trade marks was carried with a recommendation that the executive should submit the matter to the South African Pharmacy Board to bring to the attention of the South African Medical Council. It was further de to take the opinion of chemists in S Africa on the desirability of introduc decimal system of currency, weights measures. Unanimity was reache approving a resolution that the Soci dispensing tariff should be modifie include professional remuneration at rate of £60 per month. A motion appropriate steps should be taken to pr that chemists and druggists only sl sell by retail proprietary medicines proprietary surgical dressings was carried, as was a resolution to establ Chemists' Friends scheme, on the lin the plan in operation in Great Bri What might be termed a "pious" resol expressed the opinion that no trade n in respect of medical products shoul registered except to registered che and druggists or to corporate bodies r tered as such, and that in regard to than South African companies, should be required that they were ent to carry on the business of chemists druggists in the country in which the pa or main company operated.

The remainder of the Conference taken up with the election of officers the receipt of reports on plans for der ilisation, pharmaceutical personnel, etc

NEW BOOKS

A Textbook of Pharmacognosy.—G. Trease, B.Pharm., Ph.C., F.R.I.C., F. (lecturer in pharmacognosy and acting h of school of pharmacy, University of N tingham). Fourth edition. Pp. 799. 27s. Baillière, Tindall & Cox, Henrietta St Covent Garden, London. The edition been revised and enlarged with the as ance of a number of other pharmacists. account of London commerce in crude d includes illustrations borrowed from CHEMIST AND DRUGGIST. There are ch ters on enzymes in vegetable drugs; tivation, collection, drying and storag drugs; and insects and other pests foun drugs. The main part of the work (pages) deals with drugs of vegetable ori classified according to Rendle's botan classification; animal drugs, classified z logically, occupy twenty-six pages. Part is devoted to constituents, with method extraction, analysis and exercises in eval tion. Part V deals with the microscopy fibres and surgical dressings, drugs powders. Maps illustrate the geographi sources of drugs.

EDINBURGH BRANCH PROGRESS

Editor regrets that owing to excep-l pressure on editorial space it was not l possible to include the full report it intended to give in April of the annual ing of the Edinburgh and South-eastern tish Branch of the Pharmaceutical ety. The following paragraphs place on d points of greatest moment.

e following office-bearers were elected he year: Mr. W. A. Beattie, Edin-h, *Chairman*; Mr. James Somerville, burgh, *Vice-chairman*; Mr. Charles C. mmond, 38 Grassmarket, Edinburgh, *tary* and *Treasurer*. The following elected members of the *Committee*: rs. J. E. Balfour, Edinburgh; John man, Edinburgh; R. Gordon Drum-l, Falkirk; George Hedderwick, Edin-h; W. J. Jack, Loanhead; G. H. morran, Edinburgh; T. Marshall, Edin-h; P. Nisbet, Leith; Gordon Perrins, burgh; J. J. Stone, Portobello; J. H. sh and J. Teesdale, Edinburgh.

E PRESIDENT of the Society (Mr. F. G. s) gave an address on "Pharmacy and New Health Service," and THE CHAIR-referred to the thorny problem of neration. He did not see how phar-could promise to give a service which d require all the improvements men-d until they had from the Government idea of the remuneration which they l expect to receive. The president had ioned that in the South they hoped future terms would be brought up to Scottish standard and not brought to the English one, but he would nd pharmacists in the South that they e North were not satisfied with their ing terms.

onal Dispensing in Existing Pharmacies

swering a question put by MR. TEES-, THE PRESIDENT thought that the rity of the 15,000 pharmacies regis-l as authorised premises would be ble of giving a satisfactory service and the remainder would be capable when t alterations had been effected to their ises.

E VICE-CHAIRMAN said there was little nsing done in Scotland except in the macies. Private dispensing was per-ed at much better rates than N.H.I., it was unlikely that any rate they ined under the new service would ade-ely compensate for the loss of private nsing. THE PRESIDENT sympathised Scottish pharmacists over their private dispensing, and did not quite see how its loss would be covered by any payment likely to be made under the health service.

MR. TAINSH thought that the N.H.I. service at present was far in advance of the remuneration paid to pharmacists. MR. BATEMAN considered it should not be optional, but compulsory, that the doctor should give the patient a prescription to take to his own chemist.

Nothing But the Best

MR. WILSON, referring to the president's contention that there should be a highly qualified pharmacist in charge of health-centre dispensaries, foresaw a little difficulty. If free choice of chemist were insisted upon, the Government might be faced with employing a highly qualified pharmacist, only to find there were no prescriptions to dispense. He was glad to note the president's insistence on qualification being kept in the forefront. The late Mr. Rutherford Hill had advised that if chemists gave any service it had to be the best, and that if they were unsatisfied with the remuneration they should not enter into the service at all.

THE RESIDENT SECRETARY said that, if the health centres were to be used as little hospitals, what would be the use of the existing hospitals? He expressed approval that health centres in Scotland were to be run by the Department of Health under the Secretary of State.

Adequate Representation

MR. MELDRUM said that the Joint Committee was insistent that, on the Central Health Services Council, which would be purely professional, pharmacists should have adequate representation. He agreed that they should tell the Government now that there was only one type of service which they would give and that was the best. He hoped pharmacists in England and Scotland would stand together on this point. They had pressed for any pharmaceutical contract undertaken to be a central contract, i.e. any contract would be with some body having direct access to the Ministry. He was of opinion that they should take no exception to health centres; that they should in fact welcome them. There was room for pharmaceutical service in the health centre, but it should only be given to patients attending the centre. Any sort of domiciliary treatment would have to be given by prescription.

A REVIEW OF THE SEVENTH ADDENDUM

by George H. Macmorran, Ph.C.

Abstract of a Paper read at an Evening Meeting in Edinburgh

THE Seventh Addendum to the British Pharmacopœia, which became official on February 1, consists partly of amendments to existing monographs and partly of new monographs. The additions are a recognition of the increasing use of new substances in medicine, and the necessity of laying down standards of quality for them. The outstanding features are:—

1. Revision of the monographs on ointments in view of the unsatisfactory nature of some of those introduced into the Sixth Addendum.
2. Inclusion of monographs on the sulphonamide group of drugs, in addition to sulphanilamide (in Fourth Addendum).
3. Inclusion of a general monograph on tablets, with individual monographs on thirty-five tablets.

There is also a change of policy governing drugs included in the Addendum, as a result of which certain drugs whose manufacture is protected by letters patent are given official status.

Amendments to Monographs

Aneurine Hydrochloride.—The substance was introduced into the Third Addendum, but the monograph has been completely rewritten. A fluorimetric assay has been introduced, in which fluorescence produced by the action of potassium ferricyanide under standard conditions is compared with fluorescence produced under the same conditions using a standard preparation.

Belladonna and Preparations.—Belladonna Leaf becomes Belladonna Herb, and consists of the "leaves, or leaves and other aerial parts." Description of the leaf, stem, flowers, fruit and seed are given. Both Belladonna Herb and Belladonna Root may be obtained from either the European or the Indian variety, or a mixture of the two. *Atropa lutescens*, which was permitted in the Fifth Addendum, is not now official. Indian Belladonna must come up to the same standard of total alkaloid as the European, i.e. not less than 0·3 per cent. for herb and 0·4 per cent. for root. Belladonna Pulverata is now prepared from the herb, and there is now a Liquid Extract of Belladonna Herb which may be supplied when "Ext. Bellad. Liq." (prepared from the root) is ordered. Both preparations contain the same amount of total alkaloid (0·75 per cent. w/v).

Colchicum Extracts.—There is now a Liquid Extract of Colchicum Corm, whi may be supplied when Liquid Extract Colchicum (made from seeds) is ordere Both contain 0·3 per cent. w/v colchicin

Insulin.—The official name is no Injection of Insulin. When Injection Insulin is prescribed or ordered witho stating a strength, 20 units per mil mu be supplied. Strengths of 20, 40 or 80 uni per mil are all official.

Liquid Paraffin.—The test for limit solid paraffin is deleted to allow a slight less highly purified fraction to be use This may result in Liquid Paraffin becomi slightly cloudy on prolonged exposure temperatures about or below freezing-poin

Pituitary (Posterior Lobe) Extract.—Pe mission is given for the extract to b manufactured from powdered as well from frozen material. A new biologic assay measures oxytocic activity (b contraction of mammalian uterus); ant diuretic activity (delay of excretion water given to rats); pressor activity (ri in blood pressure of cats). The number oxytocic units must be stated on the labe

Powder of Ipecacuanha and Opium.—Ov ing to shortage of lactose, potassium su phate has been restored as the diluent. monograph on Potassium Sulphate is i cluded.

Ointments

Since the Sixth Addendum was publishe it has been permissible to supply ointmen either according to the original formulas the British Pharmacopœia, 1932, as amen ded by Addenda I to V or according to th Sixth Addendum. The permission is no withdrawn, and all ointments must b supplied according to the latest formulas.

New Monographs

Amethocaine Hydrochloride.—Local an thetic of the procaine group, used f surface, infiltration and spinal anæsthesia said to be fifteen times as active as procain and ten times as cocaine, but more toxic.

Amphetamine.—A colourless mobile l quid with slight characteristic odour, resem bling adrenaline and ephedrine in loc effects. The sulphate is active when give orally, and has a stimulant effect.

Cyclopropane.—A gaseous anæsthetic e fective in concentrations as low as 18 pe cent.; a disadvantage is that it is highl explosive when mixed with oxygen.

Dextrose Monohydrate.—A form of glucose ually administered orally, and not to be ıfused with dextrose, official in the ginal B.P., 1932. The latter is anhydrous d used for the preparation of injections. e two substances may be distinguished the weight lost when dried at 105° C.

Injection of Protamine Zinc Insulin.—In o strengths, 40 and 80 units per mil; if strength is stated when ordered, the -unit strength should be supplied.

Pentobarbitone Soluble.—A local narcotic pular in conjunction with inhalation esthesia, having a high margin of safety.

Thiopentone Soluble.—Employed intranously as a quick-acting general anæsthefor use in short operations. It is unstable d must be kept in an atmosphere of rogen in sealed tubes, protected from ht, and in a cool place.

Strophanthin G.—A crystalline glycoside tained from the seeds of *Strophanthus atus* or the wood of *Acokanthera Schimperi.* has a qualitative action, physiologically nilar to that of Strophanthin, B.P., 1932 trophanthin-K).

Theophylline with Ethylenediamine.—A bstance having the diuretic properties of eophylline with the advantage of greater lubility and greater rapidity of action.

Hormones.—Three hormones are inıded in the Addendum, all associated with male reproduction: Œstradiol Monoenzoate, a synthetic substance; Œstrone, naturally occurring hormone isolated m the urine of certain pregnant mammals; d Progesterone, a natural hormone prent in the corpus luteum.

lphonamide Group

There are nine monographs under this eading. Four of the drugs have a correonding sodium derivative, and the ninth sulphaguanidine. In each case the dium derivative has similar indications its parent compound but, being soluble, can be used by intravenous injection to pplement oral administration of the rent substance, or when a high concenation in the blood is required quickly. ach has an official dose of gr. 8–30.

Sulphacetamide.—Employed mainly in eatment of gonorrhœa, but of value also non-gonococcal infections of the urinary act. Given orally, is said to be less toxic an the other sulphonamides, and less kely to give rise to renal calculi.

Sulphapyridine.—Main advantage is that is effective against pneumococcus. More able than others to cause vomiting.

Sulphathiazole.—Can be used for any conditions for which sulphapyridine is effective. Chief specific advantage is greater effect in staphylococcal infections. Less toxic than either sulphanilamide or sulphapyridine.

Sulphadiazine.—Valuable in pneumonia and said to have almost complete freedom from subjective toxic effects.

Sulphaguanadine.—Poorly absorbed, and therefore mainly retained in the bowel.

Anti-coagulant Solutions

The Addendum includes two new sterile solutions used to prevent clotting of blood when withdrawn for transfusion purposes. They are Anti-coagulant Solution of Sodium Citrate, which contains 2·5 per cent. w/v sodium citrate and 0·9 per cent. w/v sodium chloride, and Solution of Sodium Citrate with Dextrose. In preparing the latter, two separate solutions are prepared and sterilised: (*a*) 3 per cent. w/v sodium citrate; (*b*) 15 w/v dextrose, twenty volumes of the dextrose solution are mixed, using aseptic precautions, with 100 volumes of the sodium citrate solution.

Tablets

A monograph defines tablets as "solid discs prepared by compressing or moulding a drug, or mixture of drugs." It describes briefly the methods of manufacture. For compressed tablets there are three general processes, all concerned with production of the drug in the form of granules.

Moist granulation.—The drug in fine powder is, if necessary, first mixed with a diluent, absorbent, or adhesive such as lactose, sucrose, dextrose, starch, acacia or sodium chloride. The material is damped with a moistening or granulating agent, such as water, alcohol (of suitable strength), isopropyl alcohol, mucilage of acacia, simple syrup, solution of glucose or gelatin or ethereal solution of theobroma, or mixtures of some of these. The moistened material is pressed through a sieve to form granules, which are then dried at a temperature of not more than 60°.

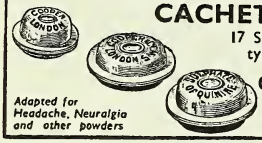
Dry Granulation.—Certain substances, e.g. aspirin, need only to be passed through a sieve before drying and compressing.

Granulation by Preliminary Compression.—The drug is first compressed into large tablets, which are broken up into granules of suitable size and passed through a sieve. None of the tablets so far included in the Addendum is recommended to be made by this method.

[*From the Laboratories of Duncan, Flockhart & Co., Edinburgh, 8.*]

RANKIN BROTHERS & SONS
(RANKIN PARTNERS, LTD.)
139 BERMONDSEY STREET, LONDON, S.E.1
for **DISPENSING**
CORKS
OWNERS OF THE FINEST
CORK FORESTS IN PORTUGAL

FENNINGS' PATA OVER 80 YEARS REPUTATION.
Children's Powders
ADVERTISED EVERYWHERE. READY SALES.
ALFRED FENNINGS, COWES, I.W.


CACHETS "FINOT"
17 Sizes to fit various types of machines
COOPER SON & Co., Ltd
120 Gloucester Road,
LONDON, S.W.7
Adapted for Headache, Neuralgia and other powders

BATTLE'S VERMIN KILLER
IN PACKETS
5d., 9d., 1/3, 2/6, 5/-, P.A.T.A.
WHOLESALE AT
3/-, 5/6, 9/-, 18/-, 36/- per doz.
Order some today from your wholesaler

ABRAC
COMPOUND PERFUMES
MANY UNAVAILABLE—
SOME STILL AVAILABLE
—IN LIMITED QUANTITIES

Blended by
A. BOAKE, ROBERTS & CO., LTD., ABRAC WORKS
LONDON, E.15. BUCkhurst 1133 (6 lines)

S.V.R
JAMES BURROUGH LTD
I Cale Distillery, Lambeth, S.E.

FROZOCLONE. (The Original solid Eau Cologne).
CARNATE NAIL POLISH PASTE (Con tions the nails and gives a brilliant waterpr and antiseptic polish).
SPIC SOAPLESS SHAMPOOS.
SPIC LIQUID DEODORANT. 2 oz. bottl
SANA POWDER—Specially indicated for ir tant conditions of skin and feet, chap, ch and soreness, and general body deodorant.
POMP (Permanent—Odourless—Moth-Proofe New Chemical discovery of outstandi importance.
GIVES PERMANENT—ODOURLESS—PR TECTION—for the first time.
F.T.W. Prices and full particulars on applicati
R. DEMUTH LTD.
MAVINS COURT, FARNHAM, SURRE

GUMS TRAGACANT AND ACAC
As Imported or Finely Powd
ALL GRADES
FREDK. FINK & CO., I Fenchurch Street, London,
Telephone: Mansion House 8119

SOFT SOAPS
for Textile and other technica and general uses.
Some lines not yet available owing to war-time regulations.
W. M. DELF & CO
SOAP AND DISINFECTANT MANUFACTURERS
DELCO WORKS, RICE LANE, LIVERPOOL,
Telegrams: Glycerine, Liverpool
Telephone: Aintree 1752 (2 lines)

THE
C. & D. POISONS GUID
1944 Edition now available. Up to date, Enlarge exhaustively Revised. 7/9 Post Free.
THE CHEMIST & DRUGGIST,
28 Essex Street, London, W.C.2

INFORMATION WANTED

Information with respect to suppliers of un mentioned will be appreciated:—

Sennerim tablets.
Persaltum.
Luteo-mensin tablets.
Fresenol.
Keno soap.
Superol tablets.
Bactocene.

THE
HEMIST AND DRUGGIST
ESTABLISHED 1859
ETAILER — WHOLESALER — MANUFACTURER
lates throughout the Pharmaceutical, ical, Drug, Essential Oil, Perfumery, etic, Toilet Preparation and allied s and Industries in Great Britain, Eire, British Empire, and foreign countries
l organ of The Pharmaceutical Society of d, The Pharmaceutical Society of Northern d, The Chemists' and Druggists' Society of d and of other Chemists' Societies in the Empire

CXLIII JUNE 9, 1945 NO. 3409

fact that goods made of raw materials ort supply owing to war conditions are tised in this paper or described in its ial columns should not be taken as an ation that they are necessarily available port.

Purchase-tax Extension in Abeyance

House of Commons debate on the hase Tax (Suspension of Registration) Order, on June 1; reported on p. 576, particular concern to pharmacists in of the repercussions small businesses l undergo were the Order brought into tion. It is to be emphasised at this ure that the Order is not withdrawn, merely adjourned in order that the rnment, through the Chancellor, may time to reconsider whether the matter d be pursued in its present form or On June 4, which was the next day ar as parliamentary business was rned, the Order appeared well down e list of business before the House, was, in fact, not reached by the time House adjourned. It may transpire, urse, that the matter continues to a place on the Order Paper for the ining days of the present Parliament-ession. There is not very much likeli-, however, that the Government will be ared to devote more time to this small highly controversial subject, in view e number of more urgent matters that be dealt with before the life of the present Parliament ends. For the present, it may be accepted that the withdrawal of exemption from purchase tax of small manufacturers is in cold storage, from which it may, perhaps, be brought out when a supplementary budget is introduced in the autumn.

A South African Pharmaceutical Society

CONSTITUENT bodies of the Associated Pharmaceutical Societies of South Africa took an important step, involving some sacrifice of "sovereignty," in voting, at their annual conference in March this year (see p. 582), that the name of the body should be changed to the Pharmaceutical Society of South Africa, and that amendments should be made in its constitution. The Associated Pharmaceutical Societies had been composed of pharmaceutical societies of Cape Province, the Eastern Districts, Natal, the Orange Free State, Pietermaritzburg and Northern Natal, Port Elizabeth and District, Pretoria, and the Transvaal, with representation by the Pharmaceutical Relations Committee of the South African Pharmacy Board—in all nine constituent bodies whose identity has been asserted in the title but will now, to some extent, be sunk in the new body as an outcome of the Conference. It is refreshing and encouraging to note that the negotiations were carried on "in a spirit of reasonableness and compromise"; that, when any matter which threatened to be contentious arose, it was referred to a subcommittee set up for the purpose; and that all the subcommittees succeeded in arriving at a common basis of agreement in which the Conference as a whole readily concurred. The constitution of the Pharmaceutical Society of South Africa, as amended by the Conference, is being submitted to the constituent societies with a request that it should be ratified with the least possible delay, and it appears that a positive vote of five societies will have the result of making the constitution binding on all the constituent organisations.

Pharmacists in this country, who have long enjoyed the advantages of a single society for all persons possessing the

pharmaceutical qualification, will join us in congratulating colleagues in South African pharmacy on achieving this full degree of unity, and will wish them a fruitful development and expansion in the years to come. Members of the craft in South Africa are evidently well aware both of the dangers and of the opportunities that lie ahead, as is shown in other resolutions carried at the Conference, important among which is the decision to set up a Chemists' Friends scheme on the lines of that in operation in this country.

Q. and A. on Penicillin

Q. In a recent report of a discussion on penicillin (*C. & D.*, May 5, p. 455) it was agreed that control in some form should be exercised over the retail sale of this substance. Why is control necessary?

A. Penicillin is an entirely new type of product. It is expensive to manufacture, and requires precise conditions of storage and careful handling to ensure stability.

Q. Is penicillin already controlled?

A. So far as manufacture for sale is concerned, by the Therapeutic Substances Amendment (No. 2) Regulation, 1944.

Q. Is it possible to control the retail sale of penicillin by means of an amendment to the Therapeutic Substances Act?

A. The Therapeutic Substances Act is concerned with ensuring that the manufacture of certain substances is rigidly controlled. It is unlikely that this Act would be amended to control retail sales. The Act and Regulations, however, would apply when the product is sold by retail (e.g. labelling and dating requirements).

Q. Could the sale of penicillin be covered by the Pharmacy and Poisons Act?

A. Penicillin is not a poison; on the contrary its virtue lies in the fact that while lethal to certain bacteria it is harmless to the human organism.

Q. No difficulty has arisen over the distribution of other biological products. Why should penicillin present any special problems?

A. Because penicillin, unlike the pro mentioned in the question, is ca of widespread use and consequ widespread abuse unless the distrib is controlled.

Q. Is the distribution of penicillin trolled in other countries?.

A. Several recent developments ha bearing on this question. For exa it was stated in Canada on Ma that penicillin would be availab civilian use through regular ph ceutical retail channels. In Indi Penicillin Control Order, 1945, co provisions that a seller of pen and penicillin preparations must records of sales and be liable to i tion by a licensing authority. I United States it is reported that cillin is freely on sale.

Method of Distribution

Q. How is the distribution of pen effected in Great Britain?

A. Through hospitals, under the auspi the Ministry of Health.

Q. Why should this system be d tinued?

A. Because production will increa such an extent that general use drug for minor bacterial infection become possible, and distrib through hospitals as at present be too limited to meet requiremen

Q. Are there any existing channels th which penicillin could be easily tributed?

A. The obvious distributor of pen and penicillin preparations is pharmacist.

Q. Will distributors other than pharm attempt to handle penicillin?

A. No such attempt is likely to be so long as penicillin is used sole medical purposes. The problem handling, storing and in some inst dispensing lie within the province experience of the pharmacist.

Q. Is penicillin capable of being use non-medical purposes?

A. Advantage may be taken of the pr ties of penicillin to include it in metics, such as lipsticks, or in t

astes and similar articles for everyday se.

Q Would such penicillin preparations be cientifically sound?

A Probably, principally from the point of iew of prophylaxis, as the drug is ffective in minute doses. Considerable esearch would be necessary to ensure tability and possibly a time limit ould have to be set for the use of uch articles.

Q Would such preparations be safe?

A The toxicity of penicillin is remarkably ow even when injected.

Q Would such preparations sell readily?

A Indoubtedly. The publicity given to enicillin has probably been greater han that given to any other drug.

Q ould the sale of such preparations be nfined to pharmacists?

A his would depend on the form of ontrol, if any, eventually adopted for he sale of penicillin and penicillin reparations.

Q Would such control be difficult to introuce?

A t would be a fairly simple matter in ar-time but in peace conditions it ight be difficult. It is not easy to ustify a restriction in distribution unless he question of public safety is involved.

Q Iow is the distribution of penicillin kely to develop assuming adequate upplies become available at a low cost?

A Distribution of penicillin and penicillin reparations is likely to be carried on hrough regular pharmaceutical chanels so far as preparations for medical se are concerned, because other traders ave neither the facilities nor experience o perform this function. Business in enicillin preparations of a cosmetic haracter is likely to follow the usual osmetic trade channels. If a control rder is made it will probably be conerned with ensuring the purity of the roducts rather than with an attempt o fix means of distribution. As penillin, however, is a drug, supervision ver its purity might well be ensured y the operation of the Food and Drugs Act, irrespective of the form in which t is presented.

Palestine Decontrols Cosmetics

As in other parts of the British Empire, the war brought sharp restrictions to Palestine manufacturers of cosmetics and proprietary toilet preparations during a period of nearly two-and-a-half years. However, on May 24 this year, the official control was revocated, and articles such as antiseptic alum blocks, brilliantine (liquid or solid) creams (cold and vanishing), dentifrices, depilatories, eau de Cologne, hair dyes, hair fixatives, lipsticks, powders and compacts, rouges, soapless shampoos, and suntan oils, are now freed from all restrictions, such as release permits or returns, except for import and export licences.

This means much to a steadily growing local industry producing these commodities, which was hampered throughout the period of control, since all products had to conform to standard recipes issued by the Palestinian Controller of Light Industries. A considerable demand for raw materials can be expected after destandardisation, and this will provide good opportunities to British manufacturers in a position to supply basic materials and modern packages. A notable increase in the demand for suitable containers can be anticipated, as Palestine manufacturers are doing their best to keep both the quality and the make-up of their products modern and on a high standard.

COMING EVENTS

Wednesday, June 13

Royal Institute of Chemistry, Technical College, Coventry, at 6 p.m. Dr. G. Roche Lynch on "Medical and Legal Experiences."

National Co-operative Managers' Association, Ltd. (managing chemists' section). Central Halls, Bath Street, Glasgow, at 7 p.m. Meeting.

Thursday, June 14

Chadwick Public Lecture, Chelsea Physic Garden, Swan Walk, Chelsea, London, S.W.3, at 4 p.m. Mr. C. J. Layton on "Health and Horticulture."

Sunday, June 17

Manchester Pharmaceutical Association. Ramble, Chinley to Buxton. Meet Central station, 8.30 a.m. Book Chinley return.

SUMMARY OF COUNCIL'S 1944 REPORT

THE following points are taken from the report of the Council of the Pharmaceutical Society of Great Britain for the year 1944, presented at the annual meeting on May 16:

The number of persons registered during the year as apprentices or students was 492, an increase of forty. Names on the registers totalled 25,285, an increase of sixty-one. Of these, 1,708 were pharmaceutical chemists, an increase of twenty-nine. Persons acting as superintendents of companies, firms or partnerships numbered 2,108, an increase of twenty-eight. Premises totalled 17,485, a decrease of 873; 4,471 pharmacists serving in the Forces applied for exemption from payment of retention fees, an increase of 574. There were 762 entries, including re-entries, for the whole or part of the Intermediate examination; 322 passed. The corresponding figures for the Chemist and Druggist Qualifying examination were 725 and 335. There were eighty-six entries for the Pharmaceutical Chemist Qualifying examination, fifty-two candidates passing.

The Society's inspectors inspected 7,581 pharmacies during the year; 4,833 drug-stores and other shops were visited. The premises of 1,211 listed sellers were inspected on behalf of fifteen local authorities. One hundred and twenty-one reported breaches of the Pharmacy Acts were considered, and proceedings were instituted in forty cases.

Proprietary Medicines

The Council proposed to the Ministry of Health that a department of the Ministry should be established to supervise the advertising of medicines and medical and surgical appliances. The increasing use of sulphonamides and similar drugs led the Council to make further representations to the Poisons Board to secure the exemption of sulphonamide ointments and similar preparations from the Fourth Schedule restrictions. Approximately 2,400 newspapers, periodicals, etc., were examined during the year. In many instances the Society secured amendment of the copy used. An appeal had been lodged in one case in which a decision was given against the Society.

During the year the Allen & Hanburys research fellowship was founded by Allen & Hanburys, Ltd., for the promotion of pharmacological research. The Umney Memorial prize, value £25, was founded by Wright Layman & Umney, Ltd., for award annually as the result of a competition, conducted by the Society, in practical pharmaceutics between newly-qualified pharmacists.

Draft new syllabuses in biology and physiology were approved. Changes in the method of conducting the physics examination were also decided upon.

Policy in regard to re-establishment of students and pharmacists demobilised from H.M. Forces was laid down, and it was decided to organise refresher courses of one month's duration, a syllabus being drawn up for the purpose. An arrangement was made with the Ministry of Education for consultation between the tw bodies on applications from pharmacy studen and pharmacists. Decision was deferred recognition of the Services Preliminary exa ination as an entrance examination for d mobilised members of H.M. Forces who mig desire to take up pharmacy as a career. T Conjoint Examining Board decided to acce the Society's Intermediate examination in b ology as satisfying the requirements for th Pre-medical examination.

Scholarships to Chinese Pharmacists

On the suggestion and with the co-operatio of Mr. A. H. Bentley, Ph.C., who had recent returned to this country from China, the Counc drew up a scheme for the granting of schola ships to newly-qualified Chinese pharmacists t enable them to come to this country to stud for the Bachelor of Pharmacy degree of th University of London, and subsequently retur to China to act as teachers. Seven students ar expected to arrive for the 1945–46 session, an the Chinese Government is participating i the scheme. The Council records its cordia appreciation of the generosity of the firms wh have made this scheme possible.

The title of University Professor has bee conferred upon two members of the College staf Students for the qualifying examinations an Bachelor of Pharmacy degree enrolled in th College for 1944–45 session numbered forty-nine Two post-graduate students were awarded th Ph.D. degree of the University of London. Th holding of the course for the diploma in bio chemical analysis was resumed. Work is con tinuing on the formulation of disinfectants an on chemotherapeutic studies. In the depart ment of pharmaceutical chemistry, researc topics under investigation included the reso cinols; chemotherapeutic studies in the di hydric phenol series and related compounds the synthesis of carotenoids; acridine deriva tives; the quinacridines; and the acrylates Work on the active-principle content in variou strains of digitalis is proceeding in conjunctio with the John Innes Horticultural Institution For the first time there was no demand for a biological assay of squill, owing to the shortag arising from war conditions. In the department of nutrition, work was done upon the vitamin-B content of national flour and bread, the determination of riboflavine by the rat growth method for comparison with microbiological and chemical methods, the human and rat requirements of vitamin A, the survival of vitamin D after admixture with various food substances, and the stability of vitamin D in cod-liver oil emulsions.

Eight thousand two hundred and ninety-eight books were circulated by the library in London against 7,607 in 1943, and 2,321 by the library in Edinburgh against 1,950 in 1943. Numerous publications came to hand which had been out of print since 1940. Miss Agnes Lothian, Ph.C., the librarian, has been elected an Associate of the Library Association.

The income of the Benevolent Fund for neral purposes was £9,235. Expenditure on sual grants for 100 persons was £3,172, ainst £2,900 for 104 in 1943, and the exnditure on annuities, £2,470. Five new anitants were elected, making the total sixtyven. Income from Hills Orphan Fund investents was £213.

Contributions to the War Aid Fund amounted £5,304, making a total of £34,161; and disrsements amounted to £1,077, making a total £3,988 since the Fund was instituted in 1940. terest which has accrued totals £1,424. The 'harmaceutical Journal" textbooks, study tes and parcels have continued to be sent to venty pharmacists and pharmacy students isoners-of-war and internees.

ganisation

The Branch Representatives' meeting held in ovember was attended by 140 representatives m fifty-eight branches. The draft revised atement on Matters of Professional Conduct, which the views of the Branch Representa-es' meeting had been obtained in the preous year, was approved in its final form and blished. At the end of the year, reports of ntinued advertising of dispensing services, ntrary to the Statement, were under conleration by the Council.

The Council considered propaganda on behalf candidates for election to the Council, and cided that activity of this kind, as hitherto rried on, was not in keeping with the position the Society. Approval in principle was given certain conditions to which candidates should asked to conform. A special meeting was quisitioned by thirty members to discuss tering the arrangements for the annual meetg. The motion was passed by a majority. e Council took note of the resolution, but en the year ended had not decided its licy.

During the year nearly 5,000 claims for the ferment of calling-up of pharmacists engaged retail, hospital or wholesale pharmacy were nsidered by the Central Pharmaceutical War mmittee. By the end of the year it had come clear that no further men could be ared from civilian pharmacy without grave ks. A review of staffs employed in pharacies in England and Wales, begun in 1943, s completed. Out of some 12,000 establishents there were only forty-three pharmacists d thirty-two dispensers who appeared available for transfer to posts of greater pharmautical importance. The Committee considered 325 special applications, mainly for approval proposed changes of employment of pharacists and dispensers, and placed 712 women armacists, dispensers or drug hands in emoyment. Proposals submitted to the Governent for procedure in demobilising pharmacists d dispensers from H.M. Forces were approved the Government and published.

Arrangements were completed with the War ffice to enable pharmacists to be seconded to e civilian pharmaceutical service from the R.A.M.C. in the event of an epidemic. Pharmacists and dispensers were supplied for civilian relief work overseas. Certain newly-qualified pharmaceutical chemists and university graduates in pharmacy were placed in civilian posts for work in the making of penicillin. Conditions were agreed with the authorities for pharmacists who had been medically down-graded since their entry into H.M. Forces to be released for work of importance in the civilian pharmaceutical service.

The Joint Committee on a National Pharmaceutical Service prepared a report entitled "Outline of Views upon the Administrative Structure Proposed in the White Paper on the Health Services." The report was later approved by the Branch Representatives' meeting.

The income of the Society from all sources was £120,670, an increase of £12,151, and the expenditure £102,917, an increase of £10,739. The amount received from members' registration and retention fees was less by £653, but an invitation to members to make a voluntary payment to cover loss from abatement of retention fees of members in the Forces evoked a response to the extent of £4,516. Premises fees, including fees from sets of premises, amounted to £364 less; examination fees, £219 less; and registration fees as apprentice or student, £166 more. School of pharmacy expenditure was £2,058 more. The expenditure on the pharmacological laboratories was £276 more and income £74 less. Taking the College as a whole the cost was £1,647 more than in the previous year. Law Department expenditure was £336 less, and income from sales of the Register, penalties, fees and inspections, £686 more. Other reductions in expenditure were: headquarters maintenance, £932; emergency headquarters, £124; and payments to staff on national service, £53. Increases in expenditure were: Examinations, £410; educational expenses, £72; organisation, £333; North British office, £148; and general administration expenses, £1,740. An additional £197 was spent on general journalistic work. The net cost of the "Pharmaceutical Journal" was £4,116, £435 below the previous year's figure.

Premises

Restrictions prevented further development of the new headquarters during the year, total expenditure on the building to date being £147,372. Interest paid on the loan was £83 less, and compensation received in respect of the requisitioning of the building, together with the interest earned on the unspent portion of the loan, offset all but £148 of the interest payment, which amount represents the net cost of the loan in 1944. The income of the Premises Fund for the new building was £1,332. Contributions to the new Parliamentary Fund amounted to £473. The market value of the stocks on December 31, 1944, exceeded the book value in every fund, the total excess amounting to £3,397. The general surplus for the year was £6,169.

FINANCIAL STATEMENT

Summary of Income and Expenditure for Years Ended December 31, 1944 and 19

GENERAL FUNDS	Expenditure		Income		Surplus	Deficit
	1944	1943	1944	1943		
	£	£	£	£	£	
Education						
College	16724	14390	4888	4201	—	136
Museum	62	106	—	—	—	62
Library	1118	1043	—	—	—	8
Examinations	9457	9047	14975	15028	5518	
Miscellaneous	400	328	—	—	—	00
	27761	24914	19863	19229	—	8
Less net benefit from Pharmaceutical Trust	1510	2306	—	—	—	0
	26251	22608	19863	19229	—	8
Law						
Law Department	10626	10962	2880	19895	—	6
Benevolence						
Benevolent Fund—General	5642	5333	9235	8578	3593	
,, ,, —War Aid	1077	853	5998	5389	4921	
Hills Orphan Fund	—	—	213	214	213	
Orphan Fund	—	953	1005	815	1005	
Supplementary Benevolent Fund	—	—	5	—	5	
Conference Entertainments Fund	—	—	41	40	41	
	6719	7139	16497	15036	9778	
Organisation	2024	1691	—	—	—	4
Publications						
Pharmaceutical Journal	4116	4551	—	—	—	5
Quarterly Journal	1041	1021	876	859	—	5
British Pharmaceutical Codex	3178	2790	3822	3834	644	
Extra Pharmacopœia	8338	3486	14433	4871	6095	
Pharmaceutical Pocket Book	1251	291	1750	347	499	
Calendar	45	112	79	116	34	
Register (included under Law)	—	—	—	—	—	
History of Pharmacy	11	6	31	22	20	
Sundry Publications	639	766	764	1041	125	
	18619	13023	21755	11081	3136	
North British Office	4336	4188	—	—	—	4
Headquarters	24230	23554	55031	39107	30801	
Premises	—	—	1332	1767	1332	
Parliamentary	—	—	474	529	474	
Miscellaneous						
Superannuation	3503	2959	—	—	—	3
Pensions	2154	1625	—	—	—	2
Subscriptions to other bodies / Sundries	1469	1360	—	—	—	1
Interest on loan against mortgage, *less* interest received	2986	3069	2838	1875	—	
	10112	9013	2838	1875	—	7
	102917	92178	120670	108519	17753	—
SPECIAL TRUST FUNDS	538	448	1116	862	578	—
Grand Total	103455	92626	121786	109381	18331	—

HARMACEUTICAL STUDENTS' CONFERENCE

(*Concluded from* THE CHEMIST AND DRUGGIST, *June* 2. p. 566.)

the third session a report was received g the views of the Pharmaceutical ety on the resolutions passed at the ciation's 1944 conference. A discussion his report, and on every aspect of maceutical education, ensued and the wing resolutions were passed:—

at the B.P.S.A. thanks the Council of the maceutical Society for sympathetic and acted consideration given to resolutions d at its 1944 conference, and congratulates Council on recent advances in connexion apprenticeship and research scholarships. ges the Society to state its policy on the e of pharmaceutical education.

at, with the prospect of some form of com- ry military service being adopted, the cil's decision that the Intermediate exam- on should be taken prior to apprenticeship nplemented immediately.

at the Pharmaceutical Society's Inter- ate examination be abolished not later July 1948 in favour of the university rmediate Science examination in the appro- e subjects (97 per cent. in favour).

at students should be allowed to consult practical notebooks in the biochemistry on of practical physiology.

here was general support for the sugges- that the Chemist and Druggist course nt be extended to four terms, but this thought to be unworkable within the ges. After four hours' discussion it was lved that a subcommittee should be set to consider further the future of the ifying examinations with special refer- to (*a*) the teaching of pharmacognosy; he status of bacteriology in the syllabus; he introduction of therapeutics into the ifying courses.

spects for the Newly Qualified

he fourth session was addressed by the ident of the Pharmaceutical Society . F. G. Wells); Miss M. C. Islip (presi- t and employment secretary of the ional Association of Women Pharma- s and a member of the Society's Council); Mr. C. W. Maplethorpe (a member of ncil). The subject was "Prospects on lifying."

IR. WELLS advised a newly-qualified rmacist to gain as much experience as sible of the different types of pharmacy, ecially if he hoped to become a pro- tor.

IISS ISLIP, speaking on the prospects of nen in pharmacy, said there were nings for them in many fields.

IR. MAPLETHORPE wanted to see a high standard of pharmaceutical education coupled with adequate facilities for pharmaceutical research. The thought of pharmacists working until 7 p.m. every night appalled him, and he did not see the need for a week of more than forty-four hours in any branch of pharmacy.

In reply to students' questions, MR. WELLS said that he had dispensed nearly half a million prescriptions since the N.H.I. came into being, and had never refused one for lack of equipment, and if autoclaves, refrigerators, etc., were really required he was confident that the pharmacists would provide them. The J.I.C. scale of salaries was a step in the right direction, but employees had made a mistake in not being organised in one single organisation, preferably pharmaceutical.

MISS ISLIP did not think that a night service was necessary in most hospitals. On the suggestion that the out-patient should take his prescription to a retail pharmacist, she said that in many cases the prescriber ordered drugs which the hospital stocked for its in-patients, and which were not normally kept by retail pharmacists.

MR. MAPLETHORPE criticised the arrangements for recruiting pharmacists for National Service that had existed during the war, and thought that the Central Pharmaceutical War Committee should have dealt with retail pharmacists and the Central Register with those engaged in industry.

Business Session

At the business session of the conference THE CHAIRMAN reported contacts with most parts of the Empire and with America, and said 125 apprentices had joined the Association since February. The following resolutions were passed unanimously:—

That the B.P.S.A. rejects the present J.I.C. scale of salaries for retail pharmacy, and considers that no pharmacist should receive less than £7 7s. per week on qualifying.

That the conference wishes to place on record its full appreciation of the work of Mr. Shinner in securing the organisation of the B.P.S.A. on a firm foundation, and to offer its sincere thanks for his indefatigable efforts on its behalf.

Mr. A. E. Meadowcroft, Ph.C., was elected *President*, with the following *Committee*: W. Burke (College of the Pharmaceutical Society), *Secretary*; C. R. Dimond, Cardiff; Miss J. Forrest, Leeds University; and W. Hennigan, Edinburgh.

WEST LONDON ANNUAL MEETING

At the fifty-fifth annual meeting of the Western Pharmacists' Association held on May 30, Mr. F. G. Wells (president of the Pharmaceutical Society) gave an address on "The Pharmacist's Place in the New Health Service." He dealt with the modifications to the scheme outlined made by the British Medical Association, including rejection of salaried service, State subsidy of all hospitals without interfering with the existing voluntary hospitals, no Government or local control of doctors, and a considerable increase in the amount devoted to research. On the last point the speaker stressed the strong claim pharmacy had to be included in any scheme of grants for research. The present Joint Committee, he said, had been formed for the purpose of devising the general structure of pharmacy's place in the new service, and for this was fully representative of all pharmacists. When the full details were to be considered some reconstruction of the committee might take place. The claims now being put before the Government were for all dispensing to be done by qualified pharmacists; all clinics to have a universal "chit" system; pharmacists to be in charge of all pharmaceutical work, whether done at health centres or in group practice; and all patients, including hospital out-patients, to be issued with prescriptions which they could take to the pharmacy of their choice. For later discussion they were concerned with the control of advertising; dispensing service; making remuneration sufficient to be self-supporting; securing contracts with the pharmacist as well as the proprietor; and inspection under the Ministry of Health to be carried out by pharmacists.

Discussion

Lively discussion followed Mr. Wells's address; the meeting voted in favour of a comprehensive formulary rather than entirely individual prescribing, with strong support for the suggestion that Latin should be used. Doubt was expressed on the need for a twenty-four-hour service, but it was agreed that, if necessary, this should be provided on Continental lines, with adequate comfort for the special night staff. Unanimous agreement was reached on the suggestion that the present deposit on bottles caused more irritation than any other part of the service, and it was considered payment for bottles should be on the prescription.

INSURANCE ACT DISPENS NG

Blackburn.—The Insurance Com ttee has granted the Pharmaceutical om- mittee's application for permission t lose chemists' shops for dispensing on F ay at 7 p.m. instead of 8 p.m. The Pane om- mittee raised no objection.

Essex.—At a meeting of the Ins no Committee recently, a complaint was ard from an insured person residing in I en- ham that, after presenting a prescrip n in three chemists' shops in his area, h had been unable to get it dispensed. The m- ists named were communicated with an their replies showed that when the pr ip- tion was presented there was no s ply available locally of one of the ingre nts of the prescription—gentian violet jel It was explained that, whilst chemists er required to keep in stock certain listed gs, gentian violet jelly was not one of the

PHARMACEUTICAL SOCIE 'S NEW PRESIDENT

At the first monthly meeting (June 6) the Pharmaceutical Council held since he Council election, Mr. T. Heseltine m ed, and Mr. R. M. Murray seconded he nomination of Mr. J. F. McNeal re- president) as president. Mrs. J. K. Ir ve nominated Mr. J. C. Young to be presi it and the secretary said a seconder wa ot necessary. Mr. Appleton referred a meeting held the previous evening, u r- taken, he said, with a desire to a id publicity about any dispute. The C R- man said that that meeting was te unofficial, and the matter was now in e hands of the Council. On a ballot b ug taken, nineteen papers were cast, one as returned blank, eleven voted for Mr. Y ng and seven for Mr. McNeal. The chai n then declared Mr. Young elected *Presi t.*

Mr. Young then took the chair, d received from Mr. Wells the chain of o e. After making a short address, he inv d nominations for the vice-presidency. t. Hirst proposed that Mr. McNeal sh d be asked to continue as vice-presid t. Mr. Appleton nominated Mr. G. R. K Mawer. A ballot was again taken, l resulted as follows: Nineteen votes e cast, ten being for Mr. Knox Mawer d nine for Mr. McNeal. The Chair v declared Mr. Knox Mawer elected V *president.* He said he wanted to thank McNeal for the work he had done pharmacy not only in his vice-presider chair, but in his contacts with ordin pharmacists.

PLANT IMPROVEMENTS BY WELDING

by C. W. Brett, M.Inst.W. (Managing Director of Barimar, Ltd.)

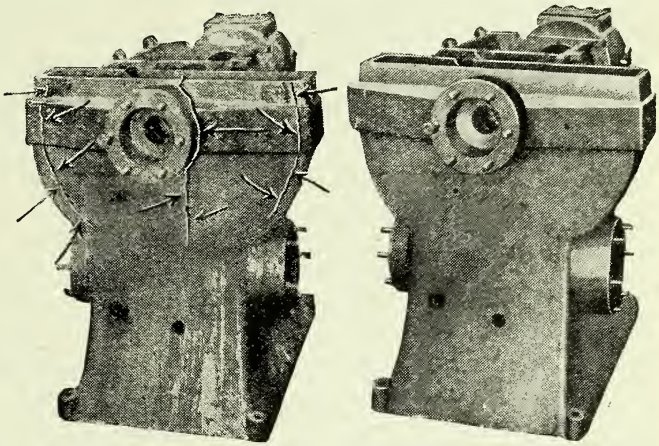
MOST of us have made up our minds that considerable permanent change is likely now the war is over, in both ıfacturing and trading conditions. Al- y we have been schooled in the drastic fications of war-time requirements, but are largely inhibitions of a temporary re. After the war, new goods will be- available. Sources of certain raw rials may be dif- t from what they before. Packaging presentation will on a new garb. ıort, a great deal been learned, and pplication of this ledge will affect who are engaged rade. Of course, influences are not ned to chemists druggists. In- y as a whole is moulded in new and, before the rn sets into stereo- l forms, there are rtunities for enter- that may not again.

e war has knit her certain indus- which previously ed to have little mmon. This is all to the good, for, as e, people in industry are backward in g a leaf from the other fellow's book xperience. Few things illustrate the more aptly than scientific welding. n metal spraying was first introduced, ly as an alternative to galvanising, would have thought that the spraying etallic zinc would have a valuable orising effect when applied to band- dress shields, fabric-covered cork s, and so on? Scores of new develop- s, in fact, have unsuspected potential-

etal spraying is an offshoot of welding, although an oxy-acetylene flame is ed to produce the molten particles the powder or wire of the metal it is ed to spray, the processes have little in mon with modern welding technique. last-named has also advanced rapidly g the past few years, so that operations which were regarded as impracticable not long ago have been reduced, in many instances, to daily routine. An example is the welding together of different metals. Even aluminium can be united to steel in this way.

Interesting as are these developments, and others of a similar nature, no greater opportunity of immediate benefit occurs than that of maintenance and repair. With this work, too, improved technique and new processes and equipment have brought about radical modifications in procedure. The need for preheating cast and malleable iron before welding can be commenced has been eliminated. Steel items, such as broken crankshafts, are reunited by the hydrogen "field" method which secures great strength and eliminates surface blemish. After the weld area is ground to a precision finish with a tolerance of one-thousandth part of an inch or closer, it is impossible to tell, without the aid of a microscope, that welding has been done.

Similarly, there is no more rapid or dependable means for the modification of existing machinery or the production of special purpose units. Shop fittings and all kinds of simple metal parts, irrespective of size or material, can be restored to a condition that is equal to new at very small cost.



Left, A badly burst extruding-machine; the mishap was due to cooling of the mixture. The cracks were extensive. It was decided to have the machine repaired by scientific welding, and, as a precaution, also, by the same methods to reinforce it where most stressed. The repair proved completely successful. *Right*, The repaired and strengthened machine.

TRADE REPORT

Spot quotations for pharmaceutical chemicals, crude drugs and essential oils rep ent the prices for wholesale quantities of standard quality. C.i.f. quotations do not i ude marine war risk insurance and other abnormal charges payable in the present eme ncy

28 Essex Street, W.C.2, June 6

THE period of "suspended animation" that has characterised the markets during the past few weeks shows little sign of change. Business continues on a basis of day-to-day requirements, so far as available supplies will allow, with prices of practically all articles steady and unaltered. Makers of PHARMACEUTICAL CHEMICALS report a fair amount of business at a steady price level. A good demand is noted for such items as MANDELIC ACID and SALICYLATES. The recent advance in the cost of certain basic materials (BENZOL, TOLUOL and XYLENE) will be reflected in due course in the prices of related chemical products.

Conditions in the CRUDE DRUGS markets are quiet but steady, with orders mostly confined to smallish quantities wanted for routine requirements. Prices show little change. CARDAMOMS varieties are exceedingly quiet, with stocks of split seed exhausted. Silver-grain COCHINEAL may be obtained on spot, parcels having recently arrived. A few cases of RHUBARB have fetched good prices, but nothing further seems available. It is understood that licences have been issued for SENEGA, and a higher price appears to be indicated. Stocks of Portuguese SQUILL are exhausted.

Little material is available outside the scope of the Control. As noted last week, the price of PEPPERMINT from the United States has been advanced. Many of the SYNTHETICS and ISOLATES remain in short supply, and increased prices are given for CITROL and IONONE. The Ministry of Food announces unchanged prices for UNREFINED OILS and FATS and TECHNICAL ANIMAL FATS allocated to primary wholesalers and large trade users during the four weeks ending June 30.

Pharmaceutical Chemicals

ACETANILIDE.—Unchanged at 2s. 5d. per lb. for crystals and 2s. 6d. for powder.

ALLOBARBITONE.—Makers quote 60s. per lb.

AMPHETAMINE.—Makers' quotation is steady at 150s. per lb.

BORIC ACID.—Current rates per ton are as follows: B.P. quality, granulated, £60; crystal, £61; powder, £62. Commercial grades, £8 per ton less. Packed in one-cwt. bags, delivered carriage paid in Great Britain in one-ton lots and upwards.

CALAMINE, B.P.C.—Prices are as f ws 7 lb., 1s. 8d. per lb.; 28 lb., 1s. 6d.

EMETINE.—British importers' increased io for HYDROCHLORIDE, U.S.P., and Bi m iodide, B.P., were given last week (p. 56

HOMATROPINE.—Makers' prices per c ar as follows (prices per gram in brac ts) ALKALOID.—1 oz., 97s. 6d.; 4 oz., 72 d., 16 oz., 87s. 6d. (6s.). HYDROCHLORIDE, H RO- BROMIDE and SULPHATE.—1 oz., 75s.; oz. 70s.; 16 oz., 65s. (3s. 2d.)

MANDELIC ACID.—In good demand; lb. 22s. per lb.; 4 lb., 20s. 3d.; 7 lb., 18 d. 14 lb., 16s. 9d.; 28 lb., 15s. Sodium a al cium salts are at the same prices.

PHENOLPHTHALEIN.—Current rates a follows: Less than 7 lb., 4s. 8d. per lb.; lb 4s. 7d.; 14 lb., 4s. 6d.; 28 lb., 4s. 5d.; vt. 4s. 4d.

SALICYLIC ACID.—Quoted per lb. as f ws in lots of 28 lb.–1 cwt. (containers in brac s) 2s. 7d. (1-lb.); 2s. 5½d. (4-lb.); 2s. 4½d. ( ) 2s. 4d. (14-lb.).

Crude Drugs

ALOES.—Only limited supplies of Curaç ar available; Cape is not obtainable at pres .

ARECA NUTS.—Worm Ceylon is quot by dealers at 90s. per cwt.

BALSAMS.—Unchanged. *Peru* is quot a 8s. per lb., and *Canada* at 11s. 6d. *Tol* n *Copaiba*, unchanged.

BELLADONNA.—Whole root testing 0 er cent. is quoted at 2s. 3d. per lb., and leaf t ng 0·48 per cent. at 5s. 6d. per lb.

CARDAMOMS.—Quiet. Aleppy greens, ot, 5s. 6d. per lb.; Aleppy seed, 6s. 6d.

CHAULMOOGRA.—*Hydnocarpus*, spot, i ns in cases, 2s. per lb.

CHILLIES.—In good supply at 100s. pe t. spot.

CLOVES.—Zanzibar, sellers on spot at 1s d. per lb. No other varieties are available.

COCHINEAL.—Silvers, spot, 6s. per lb.

COLOCYNTH.—Spot price of fair white is steady at 2s. 10½d. per lb.

DIGITALIS LEAVES.—Portuguese leaf is q at 140s. per cwt. on spot; English leaf, 2 per lb.

ERGOT.—Continues in short supply, good-quality material priced at 6s. 6d. p b.

GUM ACACIA.—Kordofan cleaned sorts, t 75s. per cwt.; bleached, 175s.; Talha, cle d 50s. per cwt., landed.

HENBANE.—Indian, 250s. per cwt.; e low-testing material may be had at 60s r cwt.; Russian, 350s.; Egyptian (*muticus*) s.

ORANDI.—No supplies available at present.

AP.—Limited supplies of material testing per cent. resin may be obtained at 3s. per lb.

MALA.—Material showing 6 per cent. ash l be worth between 2s. 6d. and 2s. 9d.).

NTHOL.—Brazilian, spot, 82s. 6d. per lb.

RRH.—Fair Aden sorts on spot, £16 per

X VOMICA.—Spot price of Cochin is 37s. 6d. s. per cwt.; shipment, 31s. to 32s., c.i.f.

TMEGS.—Supplies of West Indian are . Sound unassorted, spot, 2s. 10d. per lb.; y and broken, 2s. 3d.

PPER.—Maximum prices for whole pepper, cked over or cleaned, on sale to processors, . per lb. for white and 1s. per lb. for black.

IENTO.—Spot, 1s. 3¾d. per lb., sellers.

UBARB.—Some business appears to have done in odd lots of rough-round, but fur- supplies are difficult to find.

NEGA.—It is understood that licences have issued, but nothing will be forthcoming new crop. The price is likely to be higher that ruling last year.

NNA.—Alexandrian medium pods are d but supplies are small; Tinnevelly, facturing grade, 6d. to 6½d.; hand-picked, o 1s.; broken Alexandrian leaves, 1s. 3d. 4d.; siftings, 1s. 2d.; Tinnevelly, No. 1, 10½d.; No. 2, 7d. to 7½d.; No. 3, 5½d. to

ILL.—Indian, spot, 45s. to 60s. per cwt., ding to quality. Stocks of Portuguese are isted.

RAMONIUM LEAVES.—Dealers offer spot s at 80s. per cwt.

ROPHANTHUS.—100 per cent. Kombé seed be obtained at from 7s. to 7s. 6d. per lb., ding to quantity.

AGACANTH.—Medium grades are quoted as s: No. 1, white, £130 per cwt.; No. 2, , £115; No. 3, white, £100; No. 4, white, pale leaf, £60; amber leaf, £50; dark r, £40; brown leaf, £30; red-and-brown £25; red leaf, from £20; hoggy, £12 to £15.

RMERIC.—Madras finger on spot Liverpool, per cwt.

LERIAN ROOT.—Powdered Indian root be obtained at 120s. per cwt.; no whole s available.

AXES.—BEES'.—Prices of crude for the trade as from June 1 were given last (p. 470). CARNAUBA.—Fatty grey, 525s. wt., ex store, in minimum one-bag lots; nent, 425s.; Primeira, 600s. per cwt., ex ; shipment, 495s., c.i.f.; medium yellow, ; shipment, 475s., c.i.f.; chalky grey, ; shipment, 400s., c.i.f. (c.i.f. prices include cent. W.R.I.). CANDELILLA.—Under 1 235s. per cwt.; 1 ton and over, 231s. 6d. wt., ex store, U.K. OURICURI.—Spot, 305s. 0s. per cwt.; shipment, 260s., c.i.f.

Essential and Expressed Oils

ANISE (STAR).—Small quantities are priced at approximately 160s. per lb.

CASTOR.—Bulk supplies are officially quoted as follows: "Firsts," £82 per ton, "seconds," £80, both naked ex works.

CLOVE.—From 12s. 6d. to 13s. per lb. is the price currently quoted for English distilled from buds, according to quantity.

CORIANDER.—English-distilled is priced at 180s. per lb.

COTTONSEED.—Controlled prices for bulk supplies are as follows: Crude, £52 2s. 6d.; washed, £55 5s.; refined edible, £57; refined deodorised, £58 per ton; all varieties quoted naked ex works.

NUTMEG.—English distillers' prices are in the region of 45s. per lb. Supplies are stated to be not too plentiful.

OLIVE (EDIBLE).—The price charged to the wholesaler by the importer is 25s. 9d. per gallon, ex store. Prices charged by wholesalers to retailers are agreed by the Ministry of Food as follows: 33s. 6d. per gallon, in 1-gallon loan cans; 34s. 3d. per gallon, in ½-gallon loan cans; 35s. per gallon, in 1-quart loan cans; 36s. per gallon, in 1-pint loan cans.

PIMENTO BERRY.—A little English-distilled may be obtained at 80s. per lb.

RAPESEED.—Official price for bulk supplies remains at £88 per ton, naked ex works.

Synthetics and Isolates.—Supplies of many of these products remain short and are not necessarily available because prices are quoted. In some cases all available stocks are required for essential purposes. AMYL ACETATE.—Technical, 109s. per cwt.; small quantities would be worth up to about 2s. per lb. AMYL SALICYLATE.—About 5s. per lb. BROMSTYROL.—100 per cent., about 30s. per lb. BUTYRIC ACID.—About 7s. per lb.; ETHYL BUTYRATE, 7s. per lb. CINNAMIC ALDEHYDE.—Quoted at around 9s. per lb. CITRAL.—Chemically pure, about 50s. per lb. CITRONELLAL and CITRONELLOL.—Both nominal at 60s. to 70s. per lb. COUMARIN.—Quoted at approximately 17s. 6d. per lb. ETHYL PHTHALATE is not quoted. EUCALYPTOL.—About 13s. per lb. EUGENOL.—Around 18s. 6d. per lb. GERANIOL.—About 80s. per lb., ex palmarosa oil. GERANYL ACETATE.—Approximately 85s. per lb. IONONE.—100 per cent., around 75s. per lb. ISOEUGENOL.—About 22s. per lb. RHODINOL.—From African geranium oil, nominal at 150s. per lb.

CLOSED ON SATURDAYS.—Advertisers and subscribers are reminded that owing to war conditions the Head Office of THE CHEMIST AND DRUGGIST, 28 Essex Street, London, W.C.2, is closed on Saturdays until further notice. Urgent instructions relating to advertising and subscriptions should be sent to the *C. & D.*, 17 Argyle Street, Bath, Somerset.

TRADE MARKS

(*From "The Trade Marks Journal," May 9*)

APPLICATIONS AMENDED AFTER ADVERTISEMENT

Specification No. 631,190, by D. T. Jones, should be altered so as to read "Perfumes, soaps, toilet preparations (not medicated), cosmetic preparations and dentifrices, excluding preparations for the hair," etc.

APPLICATIONS AMENDED AFTER OPPOSITION

Specification No. 622,170, by Roslin Chemicals, Ltd., should be altered so as to read "Pharmaceutical substances not consisting or of containing any phenylalkylamine or any derivative thereof."

(*From "The Trade Marks Journal," May 16*)

"FLORAVIT"; for substances for keeping cut flowers fresh (1). By H. G. Jacubson, 132 Chatsworth Road, London, N.W.2. 632,552.

"JOYPLUS"; for water-softening preparations (1). By J. Katin, 44A Chestnut Grove, Balham, London, S.W.12. 633,795.

"KEREK"; for industrial, scientific and photographic chemicals (1). By Kerek, Ltd., 37–41 Mortimer Street, London, W.1. 633,818.

"LYNAGE"; for fertilisers and manures (1). By Cornish Fish Products (London), Ltd., Alexandra Dock, King's Lynn, Norfolk. 634,101.

"SIN BY CIRO"; for perfumery, toilet and cosmetic preparations (3). By Ciro Pearls, Ltd., 178 Regent Street, London, W.1. B630,044 (Associated).

"FOAMINOL"; for soapless shampoos (3). By R. E. Goldsbrough, 70 West Hill, Putney, London, S.W.15. B631,467.

Device for rising sun and word "CYLLIN"; for soap (3) and for pharmaceutical preparations (human and veterinary), disinfectants, antiseptics, fungicides, etc. (5). By Jeyes' Sanitary Compounds Co., Ltd., Richmond Street, Plaistow, London, E.13. 632,495–96 (both Associated).

"DENTOFAX"; for dentifrices, mouth-washes, toilet preparations for cleaning artificial dentures, and fixatives (3); pharmaceutical preparations for treatment of teeth, gums and mouth (5). By the Wellcome Foundation, Ltd., 183–93 Euston Road, London, N.W.1. 633,117–18 (both Associated).

"KERASAVE"; for toilet preparations (3). By Superma, Ltd., 2 Old Bond Street, London, W.1. 633,198 (Associated).

"FLODRESS"; for dust-laying and dust-absorbing preparations for floors (4). By C. J. Burgess, Westmore, Ferryside, Carmarthen. B631,509.

"SWANSDOWN"; for sanitary towels of paper material; and for toilet paper, paper handkerchiefs, and paper tissue, all medicated (5). By Swan Mill Paper Co., Ltd., 92 Regent Street, London, W.1. 631,453 (Associated).

"RED MAID"; for medicines for internal human use (5). By J. Lingford & Son, Ltd., 5 Durham Street, Bishop Auckland, Durham. 632,158 (Associated).

CORRESPONDENCE

Pharmaceutical Council Electi

SIR,—May I express my sincere t to the 2,217 pharmacists who support candidature in the recent Council el Although unsuccessful, I view with tis- faction my considerably increased po this sustained confidence will be a couragement to further action in the of pharmacy.—Yours faithfully,

Liverpool, 23. J. GILMC

Dealers in Drugs

SIR,—Since January 1 this yea advertisements have appeared in "Glasgow Herald" announcing applic for permission to deal in made-up med coupled with the usual "chorus" of e torches, haberdashery, babies' rubber imitation jewellery, stamp albums hinges, etc. There is little doubt that applications have been granted.

Yours faithfully,

Motherwell. ANDREW JOHNST

D.D.T. in Eire

SIR,—I was interested to read i *C. & D.* some weeks ago that suppl D.D.T. would be arriving in Eire from U for distribution to the chemists o country. At the time of publication disposed of a generous quota of D insect powder which I received fro Irish manufacturing house. The D I was told, had been manufactured in own laboratories. They are an ethical and their D.D.T. insecticide was u passable for household and garden pe

Yours faithfully,

Limerick. P. J. HOGAN, M.P.

London Penny-in-the-£ Resul

SIR,—London panel chemists wi interested to know that the proceeds annual deductions of one penny in from National Health Insurance acc for the past two years have enable Pharmaceutical Committee for the C of London to send to the National Pha ceutical Union and the Pharmace Society cheques for the following amo In 1943, £445 each; in 1944, £488 each. The Committee has issued a appeal for contributions to the War Ai War Distress Funds during the year and it is anticipated that there will good a response as in previous years.

Yours faithfully,

London, W.C.1. G. A. TOCHER,

Secreta

SICCOLAM B.D.H.

AT-FREE desiccant paste for the treatment of inflammatory conditions of the skin. lam is the culmination of a long series of investigations, and its dermatological value been confirmed by extensive clinical trial. The conclusion has been reached (Brit. n. Dermat. & Syph., June, 1941, p.177) that '. . . *technical properties render this ration superior to the many lotions, such as a calamine, zinc oxide lotion, etc., so nonly used . . . hitherto for the same indications.*'

advantages of Siccolam include—

tive in all inflammatory dermatoses. 2 Absolutely innocuous. No contra-indications use. 3 Effects immediate adsorption of fluid exudate. 4 Causes rapid relief of in-mation and pruritus. 5 Active in both acute and chronic conditions. 6 Can be used in itions in which the use of fatty preparations is contra-indicated. 7 Simple and cleanly e, and dries rapidly. 8 Conveniently packed in screw-capped jars.

	Wholesale	Plus Purchase Tax	Price to Medical Prof. inc. Tax	Retail inc. Tax
2 oz. containers	1/4 each	3d. each	2/- each	2/3 each
4 oz. ,,	2/4 each	5d. each	3/6 each	4/- each
1 lb. ,,	7/6 each	1/3 each	11/3 each	12/6 each

A product of

THE BRITISH DRUG HOUSES LTD., LONDON, N.1

ASTHMA

One Dō-Dō

will often ensure a complete night' sleep . . . . . .

7 TABLETS 1s. 1½d. - 30 TABLETS 3s. 4½d. INCLUSIVE

INTERNATIONAL LABORATORIES LTD., CHARLBURY, OXFOR

BE63

ELMBALM *Brand* **SPECIALITIES**

● In steady demand ● Stocks available
● Dont miss Sales

For Special Terms write: Elmbalm Pharmaceutical Specialities Co., Knott-End-on-Sea. Lancs.

BLYTON ASTLEY & CO., LTD.

Eagle Laboratories
LOWER BROUGHTON, MANCHESTER

thank their customers for their patience and forbearance during these difficult times, and assure them that every effort is being made to supply quickly lines which they have previously purchased.

TRAGACANTH

SPECIALISTS IN B.P. POWDER.
SAMPLES AND PRICES ON REQUEST.
FREUDENTHEIL, SMITH & CO., 16 Philpot Lane, London, E.C.3.
MANsion House 1924 & 6600. Estd. 1826

DETTOL BRAND **OINTMENT**

HEALING AND ANTISEPTIC

BABLETS

(Baby's Own Tablets.)

For TEETHING TROUBL
Constipation, Feverishness,
Disturbed Stomach
and other Simple Ailments
Infants and Children
Laxative, Comforting, Digesti

P.A.T.A.

EXTENSIVELY ADVERTISE
DO NOT LOSE SALES
GET IN A STOCK AT ONC
YOU RUN NO RISK
SALE IS GUARANTEED
Your Wholesaler Can Supply

G. T. FULFORD CO. LTD. (of Canad
8 Royston Park Road, Hatch End, M

JOHNSONS of Hendon

ave a depot in Manchester, and, if your business is in the North, it will ave your time if you send your orders for Chemicals, and other Photographic upplies, to Manchester instead of to London. You will also earn the gratitude f the Post Office and the Ministry of War Transport because the correspondence,

and

he goods you order, will have shorter distances to travel. The Manchester epot is fully stocked, and you can be certain you will get the same service nd attention you have always had from the Head Office. That is why, f you live in the North, you should send your orders direct to

Manchester.

he Address in the North.
2 Queen Street, Deansgate
Manchester, 2
elephone: Blackfriars 0115
elegrams: Caustic, Manchester

The Address in the South.
Hendon Way, Hendon
London, N.W.4
Telephone: Hendon 8051
Telegrams; Caustic, London

NSON & SONS MANUFACTURING CHEMISTS, LTD. ESTD. 1743

Geigy

REGD. TRADE MARK

SULPHANILAMIDE

NTIMONY POTASSIUM TARTRATE

B.P. QUALITIES

◆

Made by

THE GEIGY PHARMACEUTICAL Co. Ltd.

National Buildings, Parsonage,

MANCHESTER, 3

EVANS, GADD & CO. L

Wholesale Druggists
Galenical Manufacturers
Druggists' Sundriesmen

EXETER

TELEPHONE
EXETER 2278
(3 Lines)

TELEGRAMS
GADD, EXETE

BLACKWELL, HAYES & CO., LTD.
BIRMINGHAM, 4

RELY UPON

All prepared a
ised under dir
contr

R. GRAESSER
The Chemical Works, Sandycroft, n

MENOPAX
PREPARATIONS

C.P.L

Menopax Tablets and Menopax Antipruritic Cream are approved by members of the medical profession and provide enterprising chemists with remunerative business. They are of such high ethical standing that they enhance the reputation of the chemist who sells them.

MENOPAX
TABLETS
for the alleviation of the Menopausal Syndrome

Menopax Tablets offer a combined causal and symptomatic treatment in relieving both the objective and subjective complaints of the Menopause. "The Crisis in a Woman's Life" —a book dealing with the symptoms of the Menopause—provides an invaluable "sales aid," as shown by over seven years' experience, and is supplied free of charge to Menopax stockists on application.

MENOPAX
ANTIPRURITIC CREAM

This important new pharmaceutical product is the result of recent research and is of proven clinical value in the causal and symptomatic treatment of pruritus and kraurosis vulvae, atrophic senile vaginitis, etc. Pruritus Ani in both sexes is equally benefited to a marked degree, and is being brought to the notice of the medical profession by personal calls of members of our Medical Propaganda Dept.

Please obtain smalls through your wholesaler.
For best direct terms apply to:—
Sole distributors for Great Britain and Northern Ireland:

SCOTT & BOWNE LTD.

Wexham Springs, Stoke Poges, SLOUGH, BUCKS

Manufactured by:

CLINICAL PRODUCTS LTD., RICHMOND, SURREY

SOLE ETHICAL DISTRIBUTORS WANTED

for these important pharmaceutical specialities in British Dominions and Colonies where not already represented. Please apply, if interested, to: CLINICAL PRODUCTS, LTD., RICHMOND, SURREY. ENGLAND.

WE SPECIALIZE IN
THE MANUFACTURE OF
GALLIC ACID-PYROGALLIC ACI
PURE & TECHNICAL RESUBLIMED, PURE CRYSTAL & TECHNICAL
WHOLESALE & EXPORT ONLY. Enquiries Invited
J. L. ROSE, LIMITED, ABBEY ROAD, BARKING, ESSE
TELEPHONE: RIPPLEWAY 2763 TELEGRAMS: "GALLIC, BARKING."

NEPENTHE
THE SAFEST AND T
PREPARATION OF O M
The word "Nepenthe" is registered under the Trade Marks Act, and is our exclusive property. No Substitute may be dis ed when "Nepenthe" is ordered in a prescription. "Nepenthe" comes within the regulations of the Dangerous Drugs Act
FERRIS & COMPANY, LIMITED, BRIST L

TO PHARMACISTS OF THE NORTH WE OFFER
PROMPT SERVICE: KEEN PRICES: SOUND QUALITY, AND FREQUENT MOTOR VAN DELIVERIES IN THE TYNE, WEAR AND TEES AREAS
For fuller particulars consult page 66
THE CHEMIST & DRUGGIST DIARY AND YEAR-BOOK, 1936
BRADY & MARTIN, LTD., Northumberland Rd., NEWCASTLE-ON-TYNE 1

GRAESSER SALICYLATES
LIMITED
Manufacturers of Fine Chemicals
SANDYCROFT
CHESTER, ENGLAND
SODIUM SALICYLATE
B.P.
We invite your enquiries for Flake Crystals and/or Powder.

L
INDUSTRIA
and FIN
CHEMICAL
including:
HYDROGEN PEROXID
Benzoyl Peroxide
Calcium Peroxide
Magnesium Peroxide
Sodium Perborate
Sodium Percarbonate
Titanium Dioxide
Urea Hydrogen Peroxide
Zinc Peroxide
LAPORTE
B. LAPORTE LIMITED, LUTON. Eng.

ablets and Pills

Packed or Bulk

PIRIN
SCARA
nd all
BLETS and PILLS

Private formulae Pills and Tablets carefully and accurately prepared at lowest possible prices.

Latest Automatic Pill Plant.

WE SHALL WELCOME ENQUIRIES AFTER THE WAR.

CASTLE HUSKISSON LTD.
MANUFACTURING CHEMISTS
SWINTON WORKS, MOON ST., ISLINGTON
LONDON, N.1
Telephone: **Canonbury 3466**
ESTABLISHED 1768

TO WHOM IT MAY CONCERN **BROOKS RUPTURE APPLIANCES:**

WARNING!

Th name "BROOKS" is registered as the Trade Mark of the Brooks Appliance Co. for use in connection with Rupture Appliances.
In ctions have been granted by the High Court of Justice restraining Traders from pa g off Rupture Appliances or Trusses not the manufacture of the Brooks Appliance Co Ltd., as if they were the Brooks Appliances manufactured by such Company and using the term "Brooks pattern" or the word "Brooks" in connection with such ances.

s Rupture Appliances are obtainable only from the sole suppliers, Brooks Appliance td., 80 Chancery Lane, London, W.C.2, and Hilton Chambers, Hilton St., Manchester

ir Cushions

The "ATALANTA" is strongly built to stand up to years of hard wear. Specially made seams—no leakage possible

Other "Ingram" specialities

ENEMAS. Demand continues for the "PERFEX" and "SATINETTA." Recommended by Doctors and Nurses.

BREAST RELIEVERS. Ingram's "OMEGA" remains consistently popular. A sturdy job, designed in collaboration with Medical Authorities.

J. G. INGRAM & SON, LTD.
The London India Rubber Works, HACKNEY WICK, E.9.

SURGICAL DRESSINGS

Wholesale Only

Enquiries are invited for any of the following manufactures—

Cotton Wools
Boric Acid Wool
Grey Wool
Gauze and Cotton Tissue
Absorbent Gauze
Boric Acid Gauze
Iodoform Gauze
Mercury and Zinc Cyanide Gauze
Picric Gauze
Ribbon Gauzes
Absorbent Lint
Boric Lint
Picric Lint
W.O.W. Bandages
Crepe Bandages
Domettes
Flannel
Muslin
Triangular Bandages

Fast Edge Bandages
Standard Dressings
Merchant Ships Dressings
Neck Wools
Bacteriological Wools
First Aid Dressings

AWARDED THE CERTIFICATE OF THE INSTITUTE OF HYGIENE IN RESPECT OF "STERAID" SURGICAL DRESSINGS

ROBERT BAILEY & SON, LTD.
SURGICAL DRESSING MANUFACTURERS
DYSART STREET, GREAT MOOR, STOCKPORT
Phone: GREAT MOOR 3006 *Grams:* "UNDISPUTED," STOCKPORT

CORNS

QUICKLY, PAINLESSLY REMOVED WITH

"Hobson's Choice" CORN PLAISTERS POWDERS

Get stocks NOW—there is an increasing demand due to wide national advertising. All details, sales aids, etc., from—

HOBSON TRIMBLE & Co., Ltd.
UNION HOUSE, - - LEEDS, 2

Combination Pack - 7d
Plaisters - 2d
Powders - 1½d

Distributors for Scotland:
SOUTHERN MANUFACTURING CO. LT
187 St. Vincent St., Glasgow, C.2. Central 3615/6

Hot water Bottles Air Cushions, Air & Water Beds, Waterproof Sheetings, etc.

The name upholds *your* reputation for stocking the best . . . . a point to remember when normal supplies again become available.

NORTH BRITISH

RUBBER CO. LTD. EDINBURGH & LONDON

RW/HW4

A 'STIRRING' PROBLEM SOLVED

MITCHELL
RAPID MIXING & STIRRING UNITS

High and low speed electrically driven models in sizes from one pint upwards to suit different vessels. Complete Mixing Vessels supplied, fitted with Portable Agitators.

RB MX.

L. A. MITCHELL LIMITE
37, PETER STREET, MANCHESTE

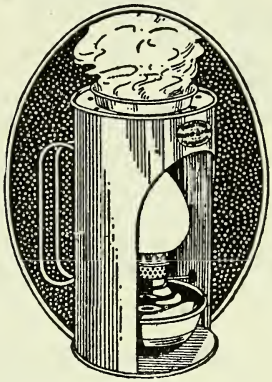
TO THE PHARMACISTS OF THE NORTH OF ENGLAND

During the past few months Forster's Fenolin Fluid and Vaporisers have been advertised in the local press, and we have received very many letters from private sources enquiring where supplies can be obtained. Please note that stocks can be obtained from most wholesale houses in MANCHESTER, LIVERPOOL, LEEDS, YORK, MIDDLESBROUGH, DARLINGTON, NEWCASTLE, HULL, DERBY, and LEICESTER.

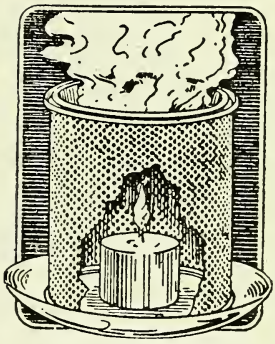
Advertising will recommence in the early Autumn, and Pharmacists should make a point of contacting their wholesaler for supplies.

P.A.T.A. SALEABLE BY CHEMISTS ONLY

Please try to meet the demand



FORSTER'S FENOLIN VAPORISER

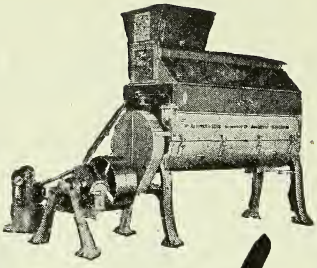


THE ELDON' VAPORISER

If you have any difficulty in obtaining supplies write direct to the Manufacturers

HALL FORSTER & CO. LTD.

NEWCASTLE-UPON-TYNE



3 in one!

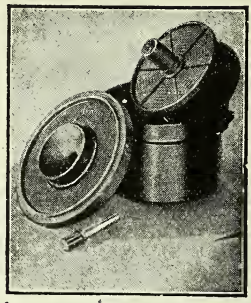
This machine, besides sifting and mixing powders to perfection, incorporates an automatic sprayer for either replacing lost moisture, adding flavour or perfume, or securing uniform tinting. It does its job efficiently, rapidly and economically.

GARDNER'S *Patent* **'RAPID'**

SIFTER, MIXER & ESSENCE SPRAYER

WM. GARDNER & SONS (GLOUCESTER) LTD., GLOUCESTER *Telephone: 2288 (3 lines).*

LONDON: 19 Grays Inn Chambers, 20 High Holborn, W.C.1. Telephone : Chancery 7347.



GNOME BRITISH MADE

Adjustable

Developing Tan

For all films fro 35mm. (full 36 exp. up to $2\frac{1}{2} \times 4\frac{1}{2}$ in.

For terms and detai of our full range o apparatus write t

GNOME PHOTOGRAPHIC PRODUCTS LTD 21a Working Street, CARDIF

Leave 'em sticking out!

Those flaps, you know—of collapsible fibre-board cases. Tucking them in may look tidy, but it means trouble for us. We have to *un*-tuck them all before they can be used again. See? *So please keep them sticking out!*

Don't forget, cash is paid for all usable cases at time of collection. No bother with book entries or credit notes. Vans collect during normal deliveries. Additional collection service every 3-4 weeks by C.R.S. vans.

PLEASE open cases carefully. Don't break wooden lids or tear fibre-board flaps. ALLOWANCE CARD, giving full details of prices, on application.

open carefully *sort them out*

C·R·S

keep them clean *have them ready*

Authorised Collectors of empty containers for many leading Food, Soap, Toilet and Household Product Manufacturers. Sole Authorised Collectors for Metal Tube Salvage.

CONTAINER RECOVERY SERVICE

S.P.D. LIMITED

Unilever House, Blackfriars, London, E.C.4

Telephone: Central 7474 Telegrams: Spedeco, Telex, London

CRS 11A-51

HE LADIES LOVE THIS !

The SWEET SMELLING
MOTH PREVENTER..

y woman who enters your shop is a likely customer Petal Dust—the sweet-scented MOTH-PRE-TER. Keeps moths out of wardrobes, drawers and cupboards; safeguards linen, furs, woollens and garments from damage. Impregnates with a delightful flowery perfume which is purifying and anti-septic. In handy sachets. Trade terms on application.

A ARSHALL'S LINE!

ETAL DUST
erfumed Moth Preventer
ARSHALL'S • TOWER BRIDGE • S.E.1

DORSELLA
. . . IS THE WORLD'S FINEST
MILK FOOD
you can recommend it with every confidence for Infants. It is a Prideaux product, and shows a good profit.
Ask for details and Special Terms.
RIDEAUX'S PURE CASEIN Co. Ltd.
ITCOMBE - DORSET London Office - 6 Southwark St.

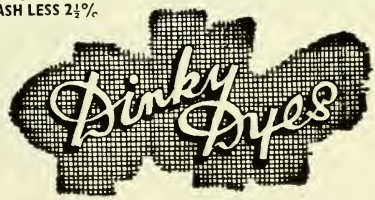
GROUND
DRIED YEAST
IDGLEY & PARKINSON, LTD.
WARREN WORKS, PUDSEY LEEDS

Your Customers will want
ILIS ANT KILLER Pkts. 9d.; Tins 2/-
and
ILIS LAWN FOOD Cartons 2/6
Order your Stocks now.
ILIS PRODUCTS LTD., KINGSTON-ON-THAMES

FOR YOUR
SURGICAL SUNDRIES
DONALD WAYMARK
(Late of Britton, Malcolm & Waymark, Ltd.)
253 KINGSLAND ROAD
LONDON, E.2
CLErkenwell 8576

WELL-ESTABLISHED EXPORT MERCHANTS
are open to accept a few exclusive distribution Agencies for British Manufacturers of Pharmaceutical Products and Drug Trade commodities in IRAQ, IRAN, TURKEY, SYRIA, and the AFRICAN markets.
As soon as conditions permit, their substantial pre-war trade with CENTRAL and SOUTHERN EUROPE will be resuscitated, and they are now in a position to make contacts for these important post-war markets.
Correspondence, which will be treated confidentially, should be addressed to ARTHUR E. EVANS & CO. LTD., Westminster Bank Chambers, Bishop's Stortford, Herts.

Browned
but not off
The two DINKY Browns, Nigger and Cinnamon, give the Retailer no cause for reflection other than a pleasantly continuous reminder that they are good to handle. Backed by whole-time advertising in women's papers and newspapers, these fine dyes are 'in and out' very quickly. Send 2½d. for the Shade Card and Sample Carton.
3d.
Per Packet
TERMS,
27/- gross
5 gross less 10%
ORDERS WITH CASH LESS 2½%



S. TATLOW & CO., LTD., Eckington, SHEFFIELD

When mothers want to know more about M.O.F.

How and when this fortified Infant Cereal can be used

M.O.F. is a finely sieved Infant Cereal processed for quick cooking. Here are some facts that you will find useful when recommending it.

GENERAL USE

M.O.F. is recommended for general use in infant dietary from 5 months onwards, either added to a simple milk mixture or, later, as the staple part of a mixed diet. M.O.F. may be prepared with fresh milk or dried milk, and contributes significantly to the daily intake of the vitamins and minerals specified below.

EARLY WEANING

When weaning has to take place at an early age, M.O.F. may be given from 3 months. Because it increases the calorific content of a simple milk mixture, M.O.F. is particularly beneficial to the underweight infant at this stage.

SUPPLEMENT TO BREAST MILK

At the time when breast milk starts to diminish it may be supplemented with feeds of M.O.F. mixture. In this way partial breast feeding may often be maintained for a further period, to the benefit of both mother and child.

COMPOSITION OF M.O.F.

	Per cent.		*Grams per oz.*
Fat	6.2	Fat	1.85
Protein	10.7	Protein	2.15
Carbohydrate	70.0	Carbohydrate	19.87
Mineral Matter	2.7		*Mg. per oz.*
Fibre	0.2	**Iron**	5.0
Moisture	10.2	**Calcium**	120.0
		Phosphorus	150.0

Vitamin B_1 as Aneurin Hydrochloride *Per oz.* 0·079 mg.
Vitamin D . . . . . 600 I.U.
Calories 110

Compare this with any other Infant Cereal

SCOTT'S MOF MIDLOTHIAN OAT FOOD

M.O.F. IS PREPARED BY A. AND R. SCOTT LTD., WEST MILLS, COLINTON, MIDLOTHIAN, SCOTLAND

The
CHEMIST AND DRUGGIST SUPPLEMENT

is Supplement is in-
ted in every copy of
e Chemist & Druggist

28 ESSEX STREET, LONDON, W.C.2

JUNE 9
1945

iling restrictions and heavy demand on space necessitate the holding over of a number of tisements week by week. As normal press days are in abeyance advertisers are advised to send ctions as early as possible. Advertisements must be prepaid. Box Office Numbers 1/- extra.

SITUATIONS OPEN

r 40 words or less, 2d. for every additional word.

ment of Women (Control of Engagement) Order 1942

rtain exceptions, women over 18 and under 41 age seeking Employment and Employers seeking e such women are now required to do so only the local office of the Ministry of Labour and Service or an approved employment agency.

ORTANT Advertisers in the "Situations Open" column should make ves acquainted with the terms of STATUTORY ORDERS, 1945, No. 579 (Employment, Control ement).

RETAIL (HOME)

ALIFIED or Unqualified Lady Assistant quired for busy Pharmacy in Wilmslow, e, for Dispensing and Counter. 611/950, London Office.

HTSIDE & CARBROOK CO-OPERATIVE HEMISTS, LTD., Sheffield, invite applications harmacists for positions of Branch Managers. ost-war prospects and holidays with pay. nuation scheme in operation. N.U.D.A.W. wages. Apply stating age and experience and under the National Service Act or Registra- Employment Order, to the Secretary, 32 re Street, Sheffield, 1.

X. Few miles out, modern substantial busi- ss. Qualified Manager, preferably with wife, l. Nice modern living accommodation, per- progressive post. Very substantial salary and sion. Full particulars upon application to , C. & D. London Office.

RD, near. Qualified Manager required for nch business, easily worked. Assistant kept. ent progressive post. Salary £8 per week nmission. 611/958, C. & D. London Office.

Unqualified; Experienced Chemists' Coun- r. Permanency. London. Apply 610/918, London Office.

ON CO-OPERATIVE CHEMISTS, LTD., ve vacancies for Branch Manager Pharmacists following areas: Southall, Barking, Leyton- Edgware and Highgate. Permanent employ- ith excellent prospects. Applications in the stance to Pharmacy Manager, 54 Maryland Stratford, E.15.

RMACIST required as Branch Manager (no nday or half-day duty). Salary according to rative Pharmacy Scale. Applications stating xperience, etc., to The General Manager, chan & Pontypool Co-operative Society, Ltd., ool, Mon.

RMACIST to take charge Branch Pharmacy, od residential area, London. Living accommo- Permanency. 610/916 C. & D. London Office.

TOGRAPHIC Assistant wanted, man or oman, for Sales Counter. Permanent: good ts. £3 to £10 according to experience. Wallace , Ltd., 127 New Bond Street, London, W.1.

LIFIED or Unqualified Assistant required, ispensing and Counter, for good-class Phar- Permanency. Philip Harris, Ltd., Edmund Birmingham.

QUALIFIED Pharmacist as Branch Manager. Permanency. N.U.D.A.W. scale of wages. No half-holiday or Sunday duty. Apply by letter giving full particulars to Superintendent Chemist, Dewsbury Pioneers' Industrial Society, Ltd., 41 Northgate, Dewsbury.

WANTED Experienced Female Assistant for Chemistry and Drug Department. Apply, stating age, wages required, full particulars of experience to General Manager, Co-operative Society, Torquay.

WESTON-S.-MARE. Assistant required for Dispensing and Counter, qualified or unqualified. Full particulars, age, experience, etc.; permanency. 611/948, C. & D. London Office.

WINDSOR. Qualified Dispenser required, either sex. State age, experience and salary. Permanency. Apply Wood, Chemist, Windsor.

LOCUMS WANTED

LOCUM Assistant, qualified or unqualified, required for two weeks commencing August 13. Hospital experience essential. Further particulars on application to Mr. E. S. Green, Oster House Hospital, St. Albans, Herts.

LOCUM Pharmacist take charge during holiday period, London. June to September, or sooner. Apply 610/917, C. & D. London Office.

LOCUM Unqualified for holiday period. London. June to September. Apply 610/919, C. & D. London Office.

QUALIFIED Locum required for two or three weeks, July 22 to August 11. Busy main road business. Apply with usual particulars. S. A. Waters, 4 Westbury Parade, Balham Hill, S.W.12. (Battersea 6288).

SALISBURY. Qualified Locum required, August 13 to 25 inclusive, either sex. Easy hours, two assistants kept; furnished house if required. Send terms to Rowland Thursby, 73 London Road, Salisbury.

RETAIL (COLONIAL)

OVERSEAS EMPLOYMENT. Pharmacist (qualified). Required for large Departmental Store in Ceylon. Should be of good appearance and address and have some Retail experience; 25–30 years of age. Preference given to ex-Service man; single; 4 years' engagement; passage paid out and home. Salary according to age and experience. Minimum £360 per annum with an allowance at present of £90 per annum and free living quarters. Low income tax, provident fund and other benefits. Written applications (no interviews), giving the following essentials details: (1) Full name; (2) date of birth; (3) National Service Registration number and Local Office shown on Registration Card, N.S.2; (4) medical grade if known; (5) if discharged from the Forces, particulars of Service number, rank, unit, and reasons for discharge; (6) qualifications and experience; (7) name and address of present employers; (8) details of present work. Should be sent to The Secretary, Overseas Manpower Committee (Ref. 1789), Ministry of Labour and National Service, York House, Kingsway, London, W.C.2. Applications will not be acknowledged.

PHARMACEUTICAL Chemist required. Young, qualified, for Trinidad, British West Indies, by old-established company. Good experience essential. Three years' contract. Write, stating age and fullest details to "Carib," c/o Abbotts, Eastcheap, London, E.C.3.

WHOLESALE

ACTIVE Representative or Travellers required for London and each county in England, Scotland and Wales, visiting chemists, hairdressers and stores to carry extra line of well-known brand perfumed Talcum powder, dusting powder and shampoos on liberal commission. 610/926, C. & D. London Office.

ASSISTANT Analyst required, qualified or unqualified, for pharmaceutical control laboratories. Apply giving full details of age, experience and salary required, to Box. No. 260, c/o C. Mitchell & Co., Ltd., 1 Snow Hill, London, E.C.1.

BRITISH COD LIVER OIL PRODUCERS (HULL), Ltd., have a vacancy for a well-qualified University Graduate in Biochemistry, with a biological background, in their nutritional laboratory. Previous experience in animal testing and nutritional work, although an advantage, is not essential, but applicants must have a definite inclination towards this work. Apply, stating age, qualifications, experience, position regarding National Service and salary required, to Chief Research Chemist, St. Andrew's Dock, Hull.

CHEMIST required with knowledge of Pharmaceutical industry, interested in experimental work, capable of developing processes from Laboratory scale to full-scale production. Apply giving details of age, experience and salary required, and qualifications (if any). Also state position regarding National Service. Box No. 254, C. Mitchell & Co., Ltd., 1 Snow Hill, London, E.C.1.

CHIEF Chemist required with knowledge of the manufacture of cosmetics and pharmaceutical preparations. Good salary and prospects. Send particulars, experience, age, qualifications. 608/839, C. & D. London Office.

CONTINENTAL Sales Manager required by manufacturers of well-known product. Must have first-class knowledge of European territories; fluent languages essential. Apply 611/955, C. & D. London Office.

COUNTER Hand (man or woman) with some experience of Drugs required by leading London House. Good wages and good hours. Reply with usual particulars to 611/930, C. & D. London Office.

EXPORT Secretary (male or female) required with experience Invoicing, Consigning, etc. Write full details of qualifications, age, salary required, etc., to Crystal Products Co., Ltd., 7 Stanhope Terrace, London, W.2.

EXPERT Tablet Coater required by Manufacturing Chemists in West of London. Good wages paid to right man. Send applications, together with references and wages claimed, to Box 610A, Smiths', 100 Fleet Street, E.C.4.

FEMALE Ledger Clerk required. Write stating experience, salary required, to C. R. Harker, Stagg & Morgan, Ltd., Emmott Street, Mile End, E.1.

FIRM, old-established and well-known to Hospitals, Doctors, Chemists, require gentlemanly man to fill vacancy on East Anglian territory. Previous representative experience immaterial, but must be competent to interview professional men and women. Salary and expenses. Apply 611/940, C. & D. London Office.

FOREIGN Representation. A British firm of Manufacturing Chemists requires the services of both a Belgian and Dutch Pharmacist, to represent their business interests, in the respective countries. Training, with remuneration, for this work will commence as soon as convenient at the London Offices of the company. Applications are particularly invited from men who may have had experience in English Pharmacies during the period of the war. 609/863, C. & D. London Office.

FIRST-CLASS Tablet Maker and Coater, London, wanted for varying quantities (20 250,000). 609/875, C. & D. London Office.

FLYPAPER manufacturers require services practical chemist. Box F1522, W. H. Sm Son, Ltd., Manchester, 3.

FOUR Representatives required to intr distinctive and saleable Pharmaceutical alities on commission basis. All orders, direc indirect, are credited to each area. Substanti continual incomes earned by the right men. Ap tions must include full particulars as to ag perience, exact area operated, including bound other houses represented; car, etc. 610/928, D. London Office.

MEDICAL Representatives. Well-known fi manufacturing chemists require the se of full-time representatives, well experienc medical propaganda to cover the following dist (a) London and the South Coast; (b) North South Wales; (c) North of England; (d) East land, with headquarters in Edinburgh. Qu M.P.S. preferred. No direct sale of preparation education and propaganda only involved. giving full details of qualifications, experience wages expected, to Box 611A, Smiths', 100 Street, E.C.4.

MONSANTO CHEMICALS LIMITED will sl re-occupy their Executive and Sales Offi Victoria Station House, London, S.W.1. With h ties ended in Europe, and as the Japanese wa ceeds, increasing attention will be given to pos plans. Some re-organisation and increase in pers will be necessary both in London and the Ru Works. Applications from returning ex-service and others will, therefore, be considered to fill junior and senior positions on the staff of se departments, including Production, Engine Research, Development, Purchasing and Sales, Home and Export. Potential candidates h general experience or specialised and technical ing are invited to make application in fullest to Personnel Manager, Monsanto Chemicals, Lin Ruabon, North Wales.

PATENT Medicine Executive required to org and run the handling and packing of p medicines and to supervise travellers. Busin be restarted initially on a small scale. Well-k brand, very good salary, and excellent pros Apply C. & D. London Office.

PHARMACISTS wanted by well-known Lo firm of manufacturing chemists, to co manufacturing processes. Salary not less than according to abilities. Write giving details of e ience and familiarity with particular process Works Manager, 606/775, C. & D. London O (This advertisement will be repeated for the b of men in the Forces.)

REPRESENTATIVES calling on Chemists, S and Fancy Goods Shops, are invited to additional good selling lines. Write Box 864, Cecil Court, London, W.C.2.

SENIOR Invoice Clerk, must be capable an perienced in Drug Trade. Able to control permanency. Full details of experience and s to "Midlands," 611/959 C. & D. London Office.

TRAVELLERS required to represent Yorkshire Firm of Manufacturing Chemi in Southern England, London, The Midlan Wales, and other parts of England to call u Hairdressers and Chemists, etc. In the fi place applications and full particulars of perience, wage and age, should be giv CDB/398, C. & D. London Office.

TWO Representatives required by the make Outdoor Girl and Miner's Preparations fo South Coast and (b) London—south of the Tha Only those with excellent cosmetic connexions a chemists should apply. No agencies consid Write, giving full details of experience, age, et 611/954, C. & D. London Office.

AVELLER, calling on Hospitals, Clinics and Doctors, required to carry Hygienic Genuine Powder. Good commission terms. Box 234, nd, 18 Regent Street, S.W.1.

QUALIFIED Assistant wanted for Manufacturing Pharmaceutical Laboratory. State age, ience, to 611/947, C. & D. London Office.

LL-KNOWN Manufacturers of high-class Beauty Products require services of experi- Sales Manager. Must be capable of taking lete control of Sales Offices. Knowledge of tising and export essential. Liberal salary. 68, C. & D. London Office.

SITUATIONS WANTED

for 18 words or less, 1d. for every additional word.

WHOLESALE

ABLISHED Manufacturers' Agency with strong connexion Wholesale Chemists, Co-ops, Stores, and Allied Trades throughout Lanca- is open for one additional progressive producer, mmission basis. Greeves Agency, 25 Spear , Manchester, 1.

PERIENCED Stock-Controller and Production Planner, competent and responsible, and accurate at figures; several years with t manufacturers; complete knowledge of raw ials, containers and finished goods; ability to re quantities against formulæ and budget, etc. Exempt (40), excellent references. Occupier, rbay Road, Harrow.

PERIENCED Traveller, covering London area, requires one good Proprietary on commission; vait for supply position to improve—for the line. 609/870, C. & D. London Office.

TLEMAN with wide selling experience and ntree to leading Multiple, Wholesale and Retail ists, Dept. and Multiple Stores, etc., is open to ent reputable firm on salary and commission mission only. 611/937, C. & D. London Office.

PRESENTATIVE desirous of change from Wholesaler to Manufacturer. Excellent con- Chemists and Allied Trades. Area covered London to Southend-on-Sea. Anywhere con- d and 22 years' experience on the road. 611/933, D. London Office.

PRESENTATIVE, excellent connexion leading Chemists and Stores, Lancashire, Cheshire and Wales. Pharmacy trained. Requires addi- line. First-class proposition only entertained. 2, C. & D. London Office.

PRESENTATIVE, sound connexion Chemists, Stores, etc., Yorks and Co. Durham, requires salary, commission, expenses basis. Write 9, C. & D. London Office.

PRESENTATIVE with exceptional connexion among Stores, Hairdressers, Chemists: London, Counties, requires additional agency or pro- n. Own car. 608/850, C. & D. London Office.

Manufacturing Chemists, etc., I wish to repre- ent a House of repute; ground covered Reading nzance. Salary, commission and expenses. salers do not waste my time in replying. 4, C. & D. London Office.

PREMISES FOR SALE

Street (close). Warehouse and Showroom Building now vacant. Basement, ground and floors. Area 3,000 sq. ft. Freehold price . Apply to Chamberlain & Willows, 345 ll Road, E.C.1.

PREMISES TO LET

NER Lock-up Shop, main London Road, Westcliffe-on-Sea. Empty due to 1940 evacua- Trading as Chemist for twenty years. Fitted for immediate opening. Rental £150 p.a. ve; fittings £500. 60 Pretoria Road, Leyton-

APPOINTMENTS

CITY OF MANCHESTER

WITHINGTON HOSPITAL

(1,150 Beds)

APPOINTMENT OF FIRST ASSISTANT PHARMACIST

(Temporary)

Applications are invited for the post of temporary First Assistant Pharmacist (non-resident) at the Withington Hospital (adult general), West Didsbury, Manchester, 20. The post is on the permanent assignment of staff, but it will be of a temporary character during the war, subject to review thereafter.

Candidates must possess the qualification of "Pharmaceutical Chemist" as recognised by the Pharmaceutical Society of Great Britain, and have had experience in the work of a hospital dispensary.

The commencing basic salary will be £360 per annum plus a temporary cost of living wages addition amounting to £60 per annum in respect of a male officer and £48 5s. per annum in respect of a female officer. A further increment of £20 per annum may be granted at the discretion of the Council. The post is subject to the Manchester Corporation conditions of service.

Applications stating fully the age, qualifications and experience of the candidate, with *copies* of not more than three recent testimonials are to be addressed to the Medical Superintendent at the Withington Hospital as soon as possible.

Canvassing in any form, oral or written, direct or indirect, is is prohibited.

PHILIP B. DINGLE,
Town Clerk.

Town Hall, Manchester, 2.
May 30, 1945.

ST. LUKES, HOSPITAL, GUILDFORD

ASSISTANT PHARMACIST, temporary. Must be M.P.S., or Ph.C. Salary grade £250 × £10—£300 p.a. plus war bonus; 23s. p.w. male, 18s. 6d. p.w. female. Apply to Medical Superintendent.

PHARMACIST required at Woking War Hospital, Oriental Road, Woking. Candidates must possess M.P.S. or Ph.C. qual. Temporary appt. Commencing salary according to experience on grade, £275 × £10—£325 p.a. plus war bonus; 18s. 6d. p.w. female, 23s. p.w. male. Apply to Medical Superintendent.

EXPORT TRADE

CHEMICALS AND ESSENTIAL OILS

Swedish importers in above trades desire to hear from British manufacturers and exporters who are interested to be represented in Sweden. We act as agents, or as sole distributors buying on own account. We are well introduced with competent industries in above trades. Well-organised selling team available. Head Office: Stockholm. Detailed offers requested to: Marsing & Co., AB, Kungsgatan 27, Stockholm. Cables: Keminarsing, Stockholm.

MESSRS. DINKER & CO., 88 Vithalbai Patel Road, Bombay, 4, invite connexions from competitive manufacturers and reliable exporters handling Chemicals and Drugs. Bankers: Eastern Bank, Ltd., Bombay; National Bank of India, Ltd., Bombay. Reference: M/S Biddle Sawyer & Co., Ltd., Empire House, London.

SOUTH AFRICA. We invite inquiries from British Manufacturers interested in establishing trade with South Africa. We have resident agents at principal centres and are prepared to act as Representatives on a commission basis, or as Distributors purchasing for our own account. We also have facilities for repacking and labelling bulky or liquid products for distribution in small containers so as to save freight and Customs Duties. Write to J. Penn & Co. (Pty) Ltd., P.O. Box 1826, Cape Town, South Africa.

WANTED

7/6 for 36 words or less, 2d. for every additional word.

MANUFACTURERS require stock parcels of Petitgrain, Geranium, Sandalwood, Vetivert, Lavender and Bergamot Oil. 609/883, C. & D. London Office.

SACCHARIN Tablets and Sweetening Tablets, any quantity; bulk or packed 100's. Cash awaiting. 611/949, C. & D. London Office.

WANTED to purchase a few tins of Vinolia's "Medicated Cream," not being now manufactured, for the relief of a painful skin complaint. Please reply. 611/960, C. & D. London Office.

WANTED good quantities of 7, 14 lb. Tins. E. A. Parks, Food Distributors, 9 Gt. Pulteney Street, W.1. Gerrard 2440, 7955.

BUSINESSES FOR DISPOSAL

7/6 for 40 words or less, 2d. for every additional word.

FOR Sale, the well-known and old-established chemist's business carried on at 279 High Street, Gateshead. A profitable wine licence is attached. On main thoroughfare and best business position in the town. Elliotts, Ltd., 279 High Street, Gateshead, 8.

AGENCIES

7/6 for 36 words or less, 2d. for every additional word.

A LIVE Firm under direction of Chemists (Science Degree) wish to act as Agents or Distributors in Switzerland for British Manufacturers of Pharmaceutical and Cosmetic Products. Manufacturing and packing facilities available if required. All communications Box 734, c/o Pool's, Aldwych House, London, W.C.2.

AGENCY required for Pharmaceutical and associated products by firm of chemists situated in Yorkshire, with offices and warehouse, and having live connexions in this area. Particulars to 611/944, C. & D. London Office.

DISTRIBUTORS and Manufacturers with many thousand customers among grocers, chemists, ironmongers, general stores and so on, interested in additional Buying or Commission Agency to utilise fully their country-wide selling organisation. Warehouse and packing facilities available, if required. Offers to 609/882, C. & D. London Office.

EIRE. Well-known firm of Manufacturing Chemists in Dublin, established well over 30 years with first-class connexions amongst Chemists, Hairdressers, Stores, etc., are prepared to undertake the Manufacture, Packing and Distribution of high-class cosmetics. Warehousing and packing facilities available. 611/953, C. & D. London Office.

ESTABLISHED firm of Manufacturing and Distributing Chemists with extensive connexion in N. Ireland seeks one or two good agencies or additional sundry lines. Representative will be in England shortly and firms interested are invited to write for appointment. 611/952, C. & D. London Office.

SALESMAN, 20 years' experience, possessing connexion amongst Chemists and Departmental Stores in Lancashire and North-west Counties, wishes to contact a very high-class Toilet House requiring representation in this area. Advertiser already holds sound position in the trade and is not seeking security. Payment by results would be acceptable. 610/925, C. & D. London Office.

SWEDISH House desires connexion with contractors of drugs, industrial chemicals and products for the cosmetic line. Reply to "Solid Firm with Excellent References," c/o Gumaelius Advertising Agency, Stockholm, Sweden.

WHOLESALE Chemist, M.P.S.I., Dublin, personally contacting retail chemists, open for good agency, storage and packing facilities available. 611/938, C. & D. London Office.

BUSINESS OPPORTUNIT

7/6 for 40 words or less, 2d. for every additional

ADVERTISERS having nation-wide distr organisation interested contact manufa lines suitable grocery, chemist, ironmong general stores who will be prepared to suppl products under advertisers' proprietary l Confidential offers to 609/881, C. & D. London

BLENDING and Packing. Company r quotation for blending and packing p and liquids for post-war retail trade. 611/93 D. London Office.

LARGE Firm of Wholesalers, Distributo Buying Agents, with thousands of act counts on their books covering the whole United Kingdom, wish to contact manufactu present and post-war lines suitable for Ch Hairdressers and Departmental Stores; arranged. Box 602/649, C. & D. London Offic

THE FINCHLEY MANUFACTURING C now in a position to take on further co for Bottle-filling; glycerine a speciality. Te No.: Hillside 1492.

WHOLESALERS interested in the distrib a Pharmaceutical Hairdressing and A druff preparation, manufactured as crea brilliantine (greasy and non-greasy), pleas municate with 611/936, C. & D. London Offic

BUSINESSES WANTED

7/6 for 40 words or less, 2d. for every additional

DRUG Store or Herbalists. Advertiser pe requires sound business producing good Any part of the country considered. Mus living accommodation and be in respectable Cash waiting for business which will bear in tion. Full particulars to 611/951, C. & D. Office.

GOOD-CLASS Business required by Pha (wife also Pharmacist). Living accomm required if outside London area. Would c future succession if desired. Full particu confidence to 610/927, C. & D. London Office.

MISCELLANEOUS SALE

12/6 for 60 words or less, 1/- each additional 10 word

CALAMINE. Surplus stock for disposal. S prepared for cosmetic use. Apply C. & D. London Office.

FOR Sale. B.P., 1932, £1. B.P. Addendu 6 incl., 12s. 6d. B.P.C., 1934, 27s. 6d. P., v. 1 (22nd), v. II (21st), 25s., £1. Macb ganic, 4s. 6d. Hampshires Vol. Analysis, 5s. & Stevens Book of Prescription, 7s. 6d. Art pensing, incl., 5s. Contract Bridge Comple bertson, 6s. 6d. Contract Bridge, Greene, Guide to B.P., 1932, B.D.H., 1s. 6d. Chem Commerce, 4 vols., £3 10s. All good clean co £2 carr. paid., or the lot £9. 609/885, C. & don Office.

NAME Plates and Signs for Chemists ne graved. Send wording for full-size ske list. (Enclose 3d. stamps.) G. Male & So Engravers, 367 Euston Road, London, N.W.

ONE Brandt's Tablet Counting Machin Heavy Duty Single Punch Tablet M one Screw Capping Machine. All complete a motors. 610/911, C. & D. London Office.

3,500 Half-gallon Stone Jars, Screw once used. Ex. London. 610/91 D. London Office.

500,000 $4\frac{1}{4}'' \times 4\frac{1}{4}''$ Drums suitable fo containers or pots. 610/91 D. London Office.

500 Corrugated cases with liners. 280 18 × 6″ deep and 220 9″ × 8″ × 7 £16 10s. or nearest offer. 608/859, C. & D. Office.

Printed by THE PITMAN PRESS, Lower Bristol Road, Bath, and Published by the Proprietors, MORGAN BROTHERS (PUBLISHERS), LIMITED, at 28 Essex Street, Strand, London, W.C.2

ESTABLISHED 1870

Kemball, Bishop & Co. Ltd.

TELEPHONE: ADVANCE 1234

TELEGRAMS: 'KEMBALL, LONDON'

CODES: A.B.C. 6th. BENTLEY'S PRIVATE

MANUFACTURING CHEMISTS

CROWN CHEMICAL WORKS, THREE MILL LANE, BROMLEY-BY-BOW, LONDON, E.3.

CITRIC ACID. TARTARIC ACID.
CREAM OF TARTAR. ROCHELLE SALTS.
CALCIUM GLUCONATE.
LITHIUM CARBONATE,
CHLORIDE AND HYDROXIDE.

QUALITY GUARANTEED

THE CHOICE OF EXPERTS

ZEAL BRITISH MADE

CLINICALS

No higher in price than nondescript makes... Also—Household Bath and Work Thermometers, the best of their kind.

G. H. ZEAL LTD. LOMBARD R'D, MORDEN R'D, LONDON, S.W.19

Phone: LIBERTY 2243

SALES THROUGH CHEMISTS ONLY

SAFETY AND IMMEDIACY OF RELIEF IN ASTHMA ARE ENSURED BY

FELSOL POWDERS

STANDARD SIZE
Retail 2/10 (Inc. Tax)
In short supply

LARGE SIZE
Retail 11/3 (Inc. Tax)
Prescription and dispensing only

P.A.T.A.

Wartime shortage of materials has caused delays in deliveries outside our control.
Every effort is being made to ensure fairest possible distribution. Let us hope it will not be long before we can relieve these temporarily enforced conditions.

BRITISH FELSOL COMPANY LTD

WIGTON HOUSE, 206-212 ST. JOHN STREET, CLERKENWELL, LONDON, E.C.1.
Telephone: CLErkenwell 5862 Cables: Felsol, Smith, London.

Printed by THE PITMAN PRESS, Lower Bristol Road, Bath, and Published by the Proprietors, MORGAN BROTHERS (PUBLISHERS), LIMITED, at 28 Essex Street, Strand, London, W.C.2